



September 10, 2020

Reference No. 11208393-111

Mr. Robert Thompson
Remedial Project Manager
United States Environmental Protection Agency
Region V
77 West Jackson Boulevard
Mail Code SR-6J
Chicago, Illinois
60604

Ms. Tamara McPeck
Environmental Response and Revitalization
Ohio Environmental Protection Agency
Southwest District Office
401 East Fifth Street
Dayton, Ohio
45402

Mr. Steve Renninger
On-Scene Coordinator
United States Environmental Protection Agency
Region V
Emergency Response Branch
26 West Martin Luther King Drive
Cincinnati, Ohio
45268

Dear Mr. Thompson, Ms. McPeck, and Mr. Renninger:

**Re: Progress Report: August 1 through 31, 2020
South Dayton Dump and Landfill Site, Moraine, Ohio (Site)**

This Monthly Progress Report is submitted in accordance with the Administrative Settlement and Order on Consent (ASAOC) for Remedial Investigation/Feasibility Study (RI/FS) Proceeding Under Sections 104, 107, and 122 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended, 42 U.S.C. §§ 9604, 9607, and 9622 (United States Environmental Protection Agency [U.S. EPA] Docket No. V-W-16-C-011) effective June 11, 2016 (RI/FS ASAOC), and the ASAOC for Removal Action Proceeding Under Sections 104, 106(a), 107, and 122 of the CERCLA, 42 U.S.C. §§ 9604, 9606(a), 9607, and 9622 U.S. EPA Docket No. V-W-13-C-010, effective April 8, 2013 (Removal Action ASAOC), for the period of August 1 through 31, 2020.



The next Progress Report for the month of September 2020 will be submitted on or before October 10, 2020.

Significant Developments in this Reporting Period

RI/FS ASAOC Developments

Activities conducted in August 2020 are summarized below:

- On August 4, 2020 GHD received a letter from U.S. EPA with comments regarding the floodplain sampling results that were submitted by GHD on June 9, 2020. The comment letter replaces a previous U.S. EPA letter received on July 7, 2020.
- On August 5, 2020 GHD submitted a response to agency comments (via e-mail) and provided the revised Site Characterization Technical Memorandum, Quarry Pond Investigation, via electronic link for download.
- On August 11, 2020 GHD received a letter from U.S. EPA with comments regarding the Risk Assessment Assumptions Document (RAAD) that was submitted by GHD on May 1, 2020.
- On August 26, 2020 GHD provided Standard Operating Procedures (SOPs) for data validation based on discussions with U.S. EPA regarding the Quality Assurance Project Plan (QAPP).

Removal Action ASAOC Developments

GHD received analytical results for the annual Vapor Intrusion (VI) proficiency sampling event completed in July 2020 and conducted laboratory data validation. The July sampling event included annual proficiency sampling at Building 12 (Overstreet Painting and S&J Precision) on July 14, 2020, Building 9 (B&G Equipment and Truck Repair) and Building 15 (SIM Trainer) on July 15, 2020, and Building 8 (B&G Equipment and Truck Repair) and Building 14 (NexGen Vending) on July 16, 2020.

The analytical results from January 2012 through July 2020 for Buildings 8, 9, 12, 14 and 15 are provided in Tables 1 to 5, respectively (with highlighting for the 2020 sample results). The sample locations and analytical results are illustrated on the attached figures. The results from the July 2020 sampling event are summarized as follows.

- With the exception of benzene in two buildings (12 and 15) as discussed below, there were no exceedances of Ohio Department of Health (ODH) Indoor Air (IA) screening levels during the July 2020 proficiency sampling event.
- The concentrations of trichloroethylene (TCE) in one sub-slab sample location at each of Buildings 8 and 9 were greater than the ODH screening level. However, TCE was not detected in corresponding Building 8 or 9 indoor air sample locations indicating the sub-slab depressurization systems (SSDs) are successfully operating to mitigate vapor intrusion.



- The concentration of TCE in one sub-slab sample location at Building 12 (S&J Precision) was greater than the ODH screening level. However, concentrations of TCE in indoor air samples were less than ODH screening levels indicating the SSDS is successfully operating to mitigate vapor intrusion.
- The concentrations of TCE at two sub-slab sample locations at Building 12 (Overstreet Painting) were greater than the ODH screening level. However, the concentrations of TCE in corresponding indoor air sample locations were less than the ODH screening level indicating that the SSDS is successfully operating to mitigate vapor intrusion.
- The concentrations of benzene in two indoor air sample locations at Building 12 (Overstreet Painting) were greater than the ODH screening level. However, the benzene concentrations in sub-slab samples at Building 12 were less than the ODH screening level (or non-detect) indicating a source of benzene to indoor air unrelated to sub-slab conditions.
- The concentrations of TCE and 1,1-dichloroethane (1,1-DCA) in one sub-slab sample location at Building 14 were greater than the ODH screening level. However, the TCE and 1,1-DCA concentrations in indoor air samples were equal to or less than the ODH screening levels indicating the SSDS is successfully operating to mitigate vapor intrusion.
- The concentrations of benzene in two indoor air sample locations at Building 15 were greater than the ODH screening level. However, benzene concentrations in sub-slab samples were less than the ODH screening level, indicating a source of benzene to indoor air unrelated to sub-slab conditions. One indoor air sample was inadvertently not collected during the July 2020 sampling round. The previous results for this location (IA-15-A) are shown on Table 5 and indicate no exceedances since initial sampling in 2012 and 2014.

Summaries of all Anticipated Problems and Planned Resolutions

No difficulties/delays were encountered during this reporting period. However, the COVID-19 pandemic and requirements for physical/social distancing, isolation, and quarantine could cause future temporary or long-term equipment, supply and/or personnel availability issues that could affect the project schedule. Federal, state and local orders, as well as guidance from the Centers for Disease Control and Prevention, will be reviewed and followed before any field work or in-person meetings are conducted. We will keep U.S. EPA informed of any potential issues as the COVID-19 pandemic continues to develop and change.

Projected Work for the Next Reporting Period

- GHD will continue planning and scheduling RI/FS activities in accordance with the approved work plan. The planned activities include:
 - Continue discussions with property owners in order to complete field activities related to monitoring well installation and soil gas probe installation.



- Review U.S. EPA comments dated March 31 (related to the groundwater investigation), April 4 (related to soil/fill and soil gas investigation), August 4 (related to the floodplain sampling results), and August 11 (related to the RAAD).
- Continue preparations to conduct soil gas and groundwater sampling including development of the updated QAPP for agency submission.
- The Respondents and U.S. EPA On-Scene Coordinator will continue to work together to implement the VI mitigation work plan. The planned activities include:
 - Review U.S. EPA comments dated April 8 (related to indoor air and sub-slab soil gas results).
 - Complete quarterly SSDS inspections at buildings with an operating system, including Buildings 8 and 9 – B&G Equipment and Truck Repair, Building 12 – Overstreet Painting and S&J Precision, Building 14 – NexGen Vending, Building 15 – SIM Trainer, Building 17 – D. Dickinson Construction (formerly Megacity Construction), and Building 24 – Globe Manufacturing.

Should you have any questions on the above, please do not hesitate to contact us.

Sincerely,

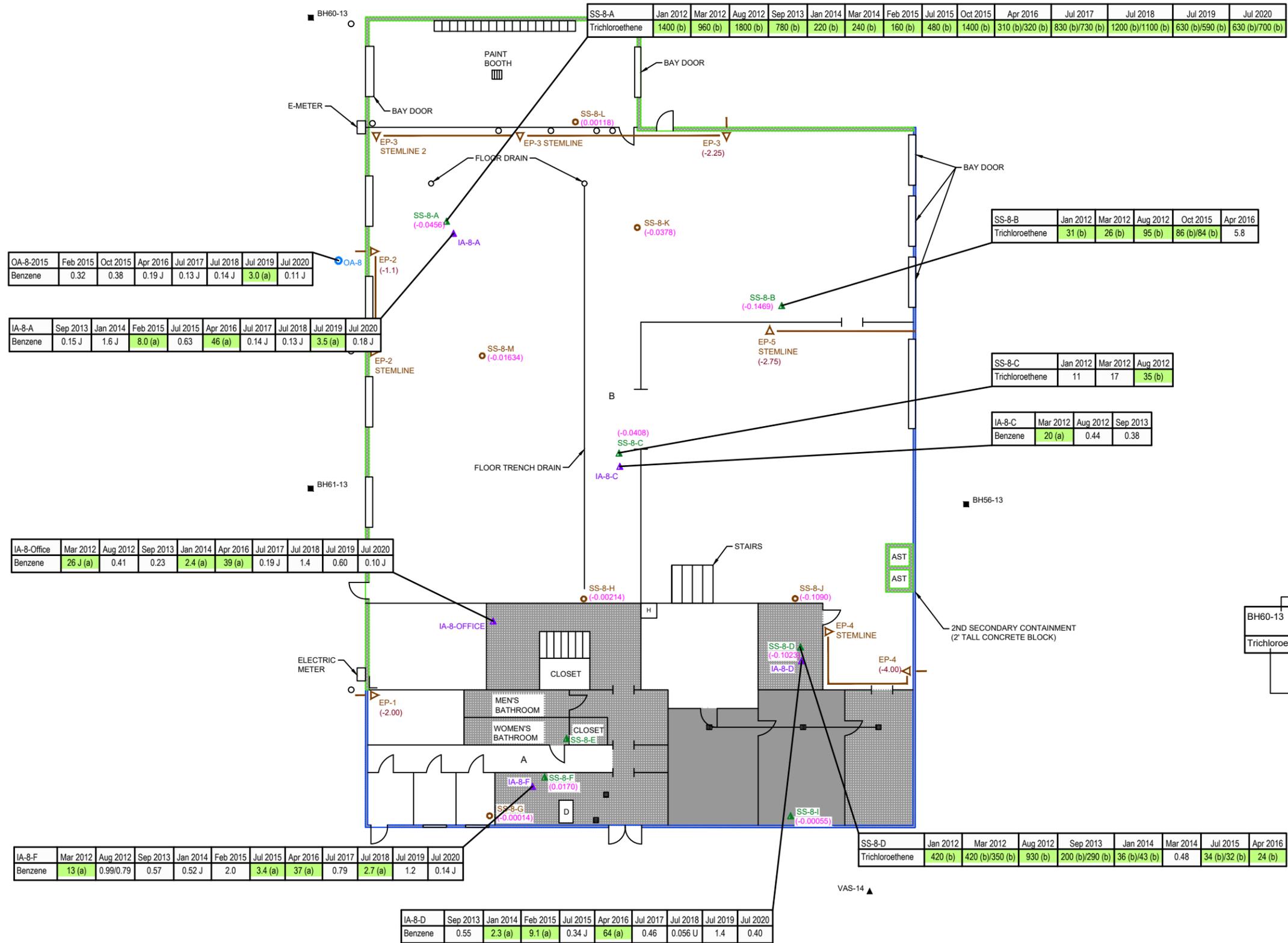
GHD

A handwritten signature in blue ink that reads "Julian Hayward". The signature is written in a cursive, flowing style.

Julian Hayward

JH/kf/3

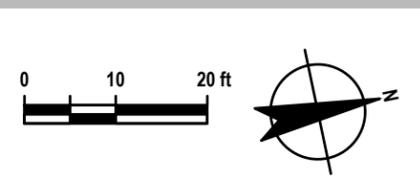
cc: (all by pdf) Ken Brown, ITW
Bryan Heath, NCR
Wendell Barner, Barner Consulting
Jim Campbell, EMI
Andrew Dorn, ITW
Scott Blackhurst, Kelsey Hayes Company
Michael Hughes, Neal, Gerber & Eisenberg
Wray Blattner, Thompson Hine
Larry Silver, Langsam Stevens Silver & Hollaender
Tim Hoffman, Dinsmore & Shohl
Sally Scott, Jacobs
Valerie Chan, GHD



- ▲ EP-1 SUCTION POINT LOCATION
- PIPING AND FAN LOCATION
- CP-1 COMPLIANCE POINT LOCATION
- BRICK
- CONCRETE BLOCK
- INTERIOR WALL
- FLOOR DRAIN
- PIPING PENETRATIONS IN CONCRETE
- DOWN SPOUT
- DESK
- HEATER
- WATER TANK
- CARPET
- TILING
- DOOR
- STAIRS
- 5171-1-A ▲ EXISTING SOIL VAPOR PROBE LOCATION
- IA-8-D ▲ EXISTING INDOOR AIR LOCATION
- BH55-13 ■ BOREHOLE LOCATION
- VAS-14 ▲ VAS SAMPLING LOCATION
- OA-9 ○ EXISTING OUTDOOR AIR LOCATION
- SAMPLE IDENTIFICATION
- SAMPLE DATE
- SAMPLE UNITS
- CRITERIA
- CONCENTRATION
- PARAMETER
- EXCEEDS SPECIFIED SCREENING LEVEL
- (-0.00630) VACUUM READING AT SUB-SLAB PROBE LOCATIONS MEASURED ON JULY 16, 2020 IN INCHES OF WATER COLUMN (" W.C.)
- (-1.20) VACUUM READING AT EXTRACTION POINTS MEASURED ON JULY 13, 2020 IN INCHES OF WATER COLUMN (" W.C.)

BH60-13	Jun 2013	Trichloroethene	1.3 (e)
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Chemical	ODH Non-Residential Screening Levels	
	Indoor Air (a) (ppb)	Sub-Slab (b) (ppb)
Benzene	2	20
Trichloroethene	2	20



SOUTH DAYTON DUMP AND LANDFILL SITE
1951 DRYDEN ROAD, MORAINÉ, OHIO

Project No. 11208393
Date September 2020

PARCEL NUMBER 5171, BUILDING 8

figure 1

▲ VAS-7

LEGEND

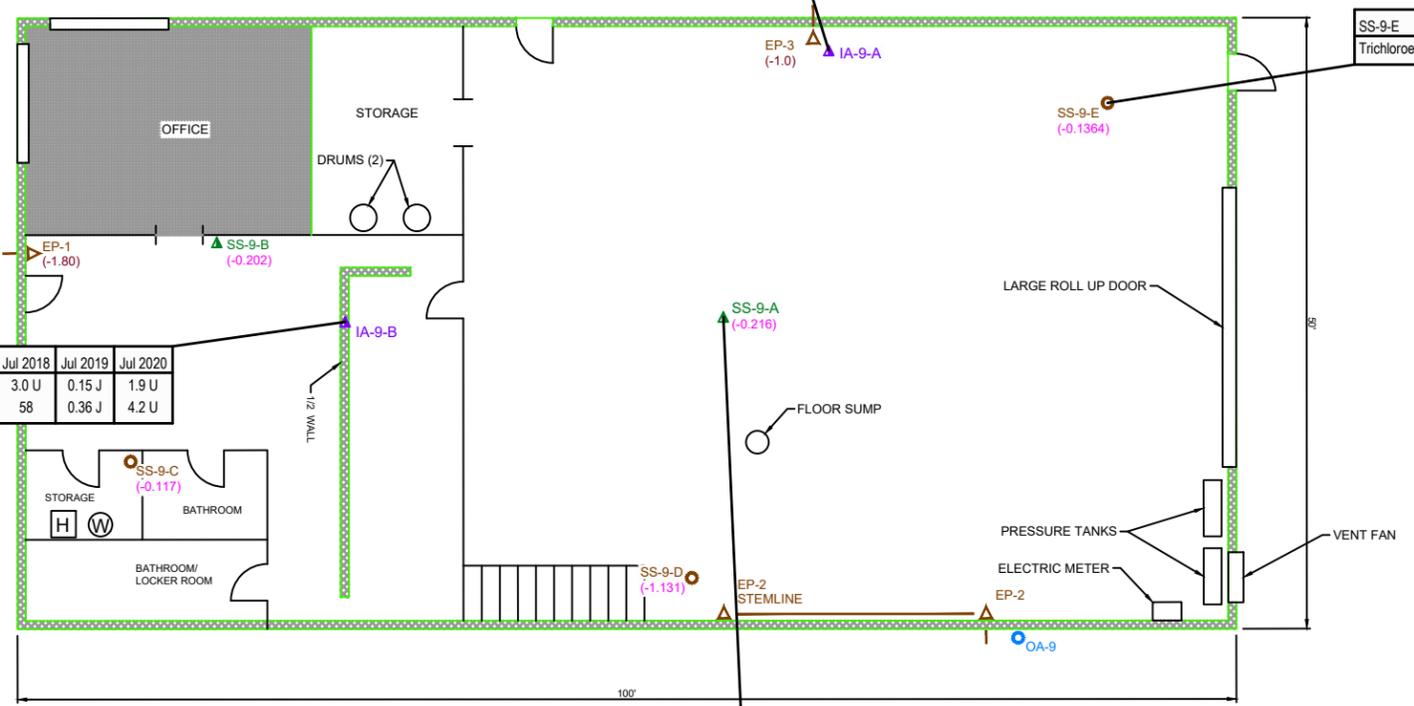
- ▲ EP-1 SUCTION POINT LOCATION
- PIPING AND FAN LOCATION
- SS-9-E COMPLIANCE POINT LOCATION
- ▬ CONCRETE BLOCK
- INTERIOR WALL
- ⌋ FLOOR DRAIN
- ⊠ HEATER
- ⊙ WATER TANK
- ▨ TILING
- ⌋ DOOR
- ▮ STAIRS
- ▲ 5171-1-A EXISTING SOIL VAPOR PROBE LOCATION
- ▲ IA-8-D EXISTING INDOOR AIR LOCATION
- OA-9 EXISTING OUTDOOR AIR LOCATION
- ▲ VAS-7 VAS SAMPLING LOCATION
- GP16-09 DEEP GAS PROBE
- SAMPLE IDENTIFICATION
- SS-9-E May 2014 Trichloroethene 150 (b) SAMPLE DATE, SAMPLE UNITS, CRITERIA
- CONCENTRATION
- PARAMETER
- EXCEEDS SPECIFIED SCREENING LEVEL
- (-0.00630) VACUUM READING AT SUB-SLAB PROBE LOCATIONS MEASURED ON JULY 13, 2020 IN INCHES OF WATER COLUMN (" W.C.)
- (-1.20) VACUUM READING AT EXTRACTION POINTS MEASURED ON JUNE 29, 2020 IN INCHES OF WATER COLUMN (" W.C.)
- [1] INDOOR AIR EXCEEDANCES MAY NOT BE DUE TO VAPOR INTRUSION. BASED ON MULTIPLE LINES OF EVIDENCE.

IA-9-A	Mar 2012	Oct 2013	Mar 2014	Feb 2015	Jul 2015	Apr 2016	Jul 2017	Jul 2018	Jul 2019	Jul 2020
Benzene [1]	17 U	5.3 U	17 J (a)	4 (a)	0.28 U/0.26 J	10 U	0.54 U	0.56 U	0.60 J	1.0 U
Ethylbenzene [1]	270 (a)	42	100	44	0.68 J/1.3 J	66	3.9	17	0.36 J	1.2 U
m&p-Xylenes [1]	1200 (a)	180	470 (a)	170	2.9 J/5.9 J	280 (a)	15	64	1.1	2.2 U
o-Xylene [1]	390 (a)	66	130	49	0.95 J/1.8 J	82	4.2	16	0.34 J	1.1 U
Trichloroethene	13 J (a)	3.4 U	5.0 U	5.4 U	0.18 U/0.072 U	6.6 U	0.35 U	0.36 U	0.18 U	0.65 U

SS-9-E	May 2014
Trichloroethene	150 (b)

IA-9-B	Mar 2012	Oct 2013	Mar 2014	May 2014	Feb 2015	Apr 2016	Jul 2017	Jul 2018	Jul 2019	Jul 2020
Benzene [1]	48 U	14 U	8.1 (a)	0.15 J	4.2 (a)	4.3 U	0.13 J	3.0 U	0.15 J	1.9 U
m&p-Xylenes [1]	420 (a)	160	310 (a)	1.8	150	250 (a)	2.1	58	0.36 J	4.2 U

SS-9-A	Jan 2012	Mar 2012	Feb 2015	Jul 2015	Apr 2016	Jul 2017	Jul 2018	Jul 2019	Jul 2020
Trichloroethene	1800 (b)/1800 (b)	3100 (b)	644 (b)	1700 (b)	280 (b)/310 (b)	360 (b)/420 (b)	460 (b)/490 (b)	350 (b)/290 (b)	260 (b)/260 (b)



Chemical	ODH Non-Residential Screening Levels	
	Indoor Air (a) (ppb)	Sub-Slab (b) (ppb)
Benzene	2	20
Ethylbenzene	250	2,500
m&p-Xylenes	200	2,000
o-Xylenes	200	2,000
Trichloroethene	2	20

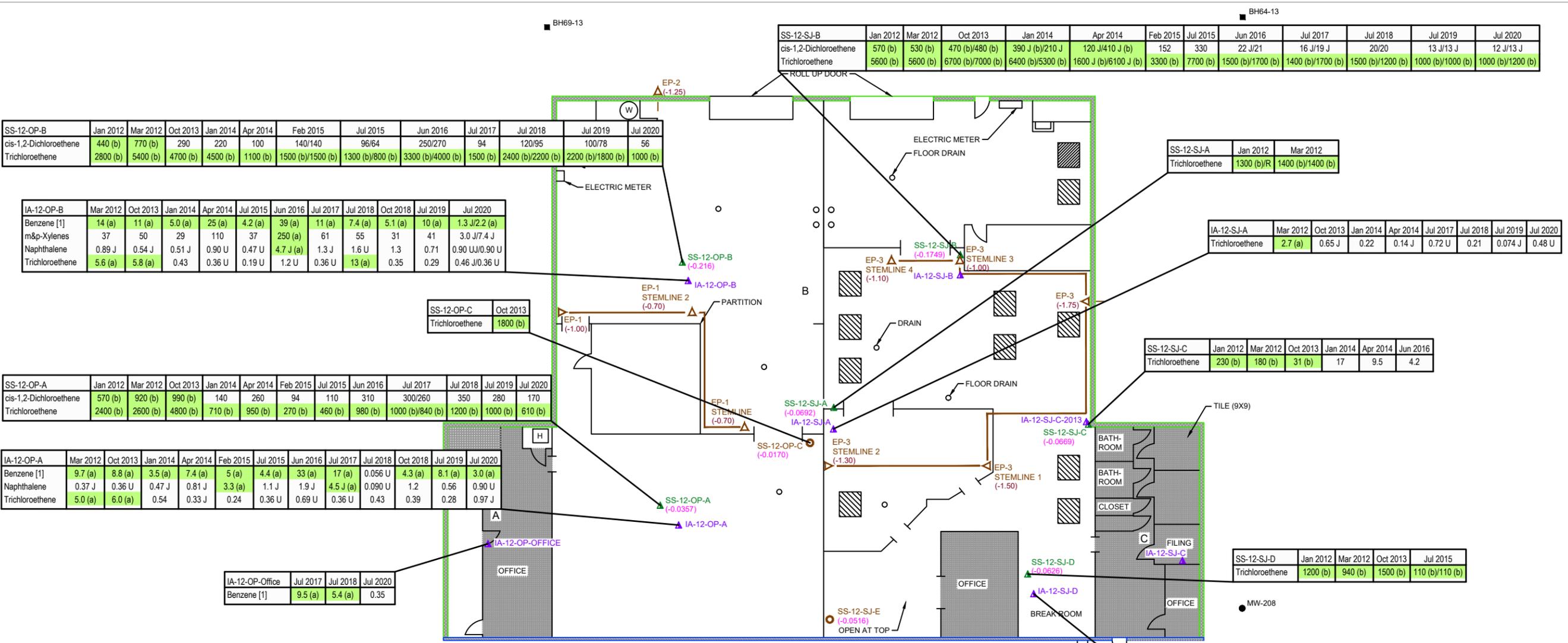
0 7.5 15 ft

SOUTH DAYTON DUMP AND LANDFILL SITE
1951 DRYDEN ROAD, MORaine, OHIO

PARCEL NUMBER 5171, BUILDING 9

Project No. **11208393**
Date **September 2020**

figure 2



LEGEND

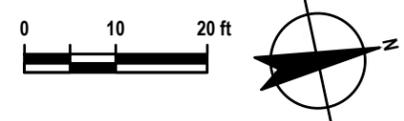
- ▲ EP-1 SUCTION POINT LOCATION
- PIPING AND FAN LOCATION
- CP-1 COMPLIANCE POINT LOCATION
- BRICK
- CONCRETE BLOCK
- INTERIOR WALL
- ⌋ FLOOR DRAIN
- PIPING PENETRATIONS IN CONCRETE
- DOWN SPOUT
- HEATER
- ⊙ WATER TANK
- ⌋ SINK
- ▒ TILING
- ⌋ DOOR
- ▒ HEAVY EQUIPMENT
- ▲ 5172-OP1-A EXISTING SOIL VAPOR PROBE LOCATION
- MW-208 MONITORING WELL LOCATION
- BH69-13 BOREHOLE LOCATION

[1] INDOOR AIR EXCEEDANCES MAY NOT BE DUE TO VAPOR INTRUSION. BASED ON MULTIPLE LINES OF EVIDENCE.

IA-12-OP-B-2013	Oct 2013	
Benzene	11 (a)	ppb
Trichloroethene	5.8 (a)	

- EXCEEDS SPECIFIED SCREENING LEVEL
- (-0.00630) VACUUM READING AT SUB-SLAB PROBE LOCATIONS MEASURED ON JULY 13, 2020 IN INCHES OF WATER COLUMN (" W.C.)
- (-1.20) VACUUM READING AT EXTRACTION POINTS MEASURED ON JUNE 29, 2020 IN INCHES OF WATER COLUMN (" W.C.)

Chemical	ODH Non-Residential Screening Levels	
	Indoor Air (a) (ppb)	Sub-Slab (b) (ppb)
Benzene	2	20
cis-1,2-Dichloroethene	37	370
m&p-Xylenes	200	2000
Naphthalene	29	29
Trichloroethene	2	20



SOUTH DAYTON DUMP AND LANDFILL SITE
2015/2019 DRYDEN ROAD, MORAIN, OHIO

Project No. 11208393
Date September 2020

PARCEL NUMBER 5172, BUILDING 12

figure 3

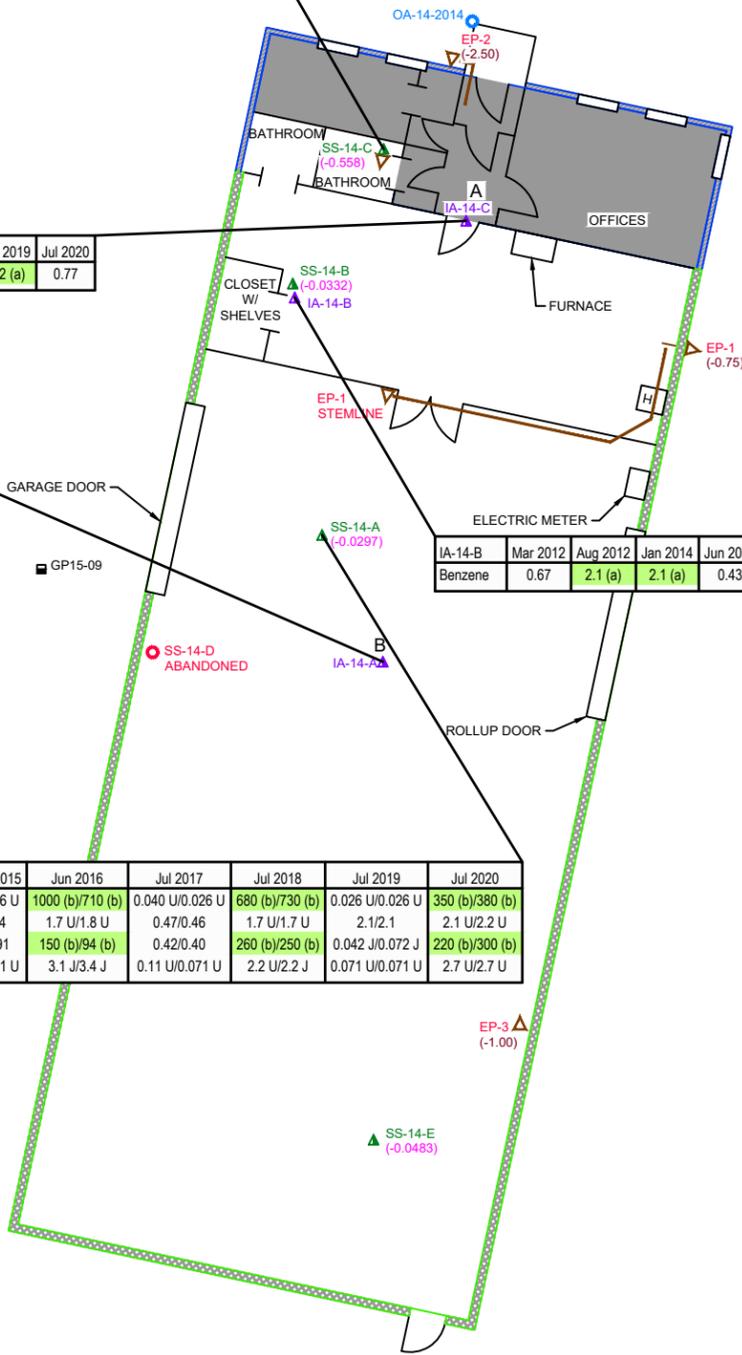
SS-14-C	Jan 2012	Mar 2012	Aug 2012	Jan 2014	Jun 2014	Jun 2016
Trichloroethene	2.5	27 (b)	1.2	0.077 U	0.10 U	0.093 J

IA-14-C	Mar 2012	Aug 2012	Jan 2014	Jun 2014	Feb 2015	Jul 2015	Jun 2016	Jul 2017	Jul 2018	Jul 2019	Jul 2020
Benzene	0.60	2.0	1.8	0.43	1	1.5/1.7	0.96	0.41	1.7	2.2 (a)	0.77

IA-14-A	Mar 2012	Aug 2012	Jan 2014	Jun 2014	Jun 2016	Jul 2017	Jul 2018	Jul 2019	Jul 2020
Benzene	0.58	2.4 (a)	3.2 (a)	0.54	1.9	0.63	3.5 (a)	1.5	0.87

IA-14-B	Mar 2012	Aug 2012	Jan 2014	Jun 2014	Jun 2016	Jul 2017	Jul 2018	Jul 2019	Jul 2020
Benzene	0.67	2.1 (a)	2.1 (a)	0.43	0.95	0.45	2.5 (a)	1.9	0.87

SS-14-A	Jan 2012	Mar 2012	Aug 2012	Jan 2014	Jun 2014	Feb 2015	Jul 2015	Jun 2016	Jul 2017	Jul 2018	Jul 2019	Jul 2020
1,1-Dichloroethane	500 (b)/320 (b)	970 (b)	4100 (b)	270 J (b)/160 J	720 (b)/650 (b)	173 (b)	0.026 U	1000 (b)/710 (b)	0.040 U/0.026 U	680 (b)/730 (b)	0.026 U/0.026 U	350 (b)/380 (b)
Benzene	1.9 J/1.8 J	6.0 J	50 (b)	0.44/0.42	2.3 U/0.95	0.10 J	1.4	1.7 U/1.8 U	0.47/0.46	1.7 U/1.7 U	2.1/2.1	2.1 U/2.2 U
Trichloroethene	2.1 J/1.5 J	6.4 J	36 J (b)	4.0/3.6	27 (b)/30 (b)	6.4	0.91	150 (b)/94 (b)	0.42/0.40	260 (b)/250 (b)	0.042 J/0.072 J	220 (b)/300 (b)
Vinyl chloride	84 (b)/70 (b)	820 J (b)	5500 (b)	4.9/4.5	17/14	0.28	0.071 U	3.1 J/3.4 J	0.11 U/0.071 U	2.2 U/2.2 J	0.071 U/0.071 U	2.7 U/2.7 U

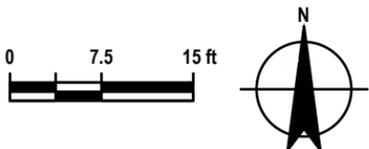


LEGEND

- ▲ EP-1 SUCTION POINT LOCATION
- PIPING AND FAN LOCATION
- SS-14-D COMPLIANCE POINT LOCATION
- ▨ BRICK
- ▤ CONCRETE BLOCK
- INTERIOR WALL
- ☐ HEATER
- CARPET
- ⤷ DOOR
- ▲ SS-14-B EXISTING SOIL VAPOR PROBE LOCATION
- ▲ IA-14-A EXISTING INDOOR AIR LOCATION
- GP15-09 DEEP GAS PROBE
- OA-14-2014 EXISTING OUTDOOR AIR LOCATION
- EXCEEDS SPECIFIED SCREENING LEVEL
- (-0.00630) VACUUM READING AT SUB-SLAB PROBE LOCATIONS MEASURED ON JULY 13, 2020 IN INCHES OF WATER COLUMN (" W.C.)
- (-1.20) VACUUM READING AT EXTRACTION POINTS MEASURED ON JUNE 29, 2020 IN INCHES OF WATER COLUMN (" W.C.)

SAMPLE IDENTIFICATION		SAMPLE DATE		SAMPLE UNITS		CRITERIA	
IA-14-C		Mar 2012	Aug 2012	%	%	-	0.19 U
Methane							
Methane, field		0.0/0	0/0				
				CONCENTRATION		PARAMETER	

Chemical	ODH Non-Residential Screening Levels	
	Indoor Air (a) (ppb)	Sub-Slab (b) (ppb)
1,1-Dichloroethane	16	160
Benzene	2	20
Trichloroethene	2	20
Vinyl chloride	2	20



SOUTH DAYTON DUMP AND LANDFILL SITE
2003 DRYDEN ROAD, MORaine, OHIO

Project No. 11208393
Date September 2020

PARCEL NUMBER 5172, BUILDING 14

figure 4

GP14-09

IA-15-C	Mar 2012	Feb 2014	Feb 2015	Jul 2015	Jun 2016	Jul 2017	Jul 2018	Jul 2019	Jul 2020
Benzene (ppb)	0.51 J	0.63	0.22/0.28	0.68	0.35 J	0.38	1.6	4.0 (a)	3.1 (a)
Methane (%)	-	-	4.0 U	0.22 U	-	-	-	-	-
Tetrachloroethene (ppb)	120 (a)	3.9	0.94	6.3	82 (a)	2.0	7.0	2.4	1.4

SS-15-C	Jan 2012	Mar 2012	Feb 2014	Apr 2014	Feb 2015	Jul 2015	Jun 2016	Jul 2017	Jul 2018	Jul 2019	Jul 2020
Benzene (ppb)	R/230 (b)	320 (b)	36 (b)	60 (b)/62 (b)	8.4	2.5	1.2 J/1.1	8.0/6.6	4.6/5.3 J	5.4/5.6	4.8
cis-1,2-Dichloroethene (ppb)	R/7400 (b)	10000 (b)	1700 (b)	2200 (b)/2300 (b)	130 J	780 (b)	10/9.3	74/60	64/66 J	35/41	16
Methane (%)	-	0.97 (b)	-	-	4.0 U	0.21 U	-	-	-	-	-
Trichloroethene (ppb)	R/95 (b)	120 (b)	25 (b)	61 (b)/63 (b)	16.4	87 (b)	2.8/2.7	16/13	12/14 J	11/11	5.0
Vinyl chloride (ppb)	R/1100 (b)	1700 (b)	350 (b)	99 (b)/97 (b)	6.6 J	26 (b)	1.5 J/1.5	6.2/6.7	5.9/6.1 J	3.4/4.1	1.3 J

SS-15-B	Jan 2012	Mar 2012
Methane (%)	0.058 U	-
Trichloroethene (ppb)	690 (b)	680 (b)

SS-15-A	Jan 2012	Mar 2012	Feb 2014	Apr 2014	Feb 2015	Jul 2015	Jun 2016	Jul 2017	Jul 2018	Jul 2019	Jul 2020
Methane (%)	-	-	-	-	-	0.22 U/0.21 U	-	-	-	-	-
Trichloroethene (ppb)	400 (b)	390 (b)	2.0	3.1	1.4	2.0/2.0	2.1	1.4	2.3	1.7	0.31

IA-15-A	Mar 2012	Feb 2014	Apr 2014	Feb 2015	Jul 2015	Jun 2016	Jul 2017	Jul 2018	Jul 2019
Methane (%)	-	-	-	-	0.20 U	-	-	-	-
Trichloroethene (ppb)	5.2 (a)	2.0	3.0 (a)	1.4	1.7	1.5	1.8	1.4	1.6

OA-15	Jul 2015	Jun 2016
Methane (%)	0.21 U	-

IA-15-F	Feb 2014	Apr 2014	Jul 2017	Jul 2018	Jul 2019	Jul 2020
Benzene (ppb)	0.25	0.20	0.53	0.095 J	2.3 (a)	3.0 (a)/3.0 (a)

LEGEND

- EP-1 SUCTION POINT LOCATION
- PIPING AND FAN LOCATION
- SS-15-D COMPLIANCE POINT LOCATION
- BRICK
- CONCRETE BLOCK
- INTERIOR WALL
- HEATER
- WATER TANK
- RUBBER MULCH
- DOOR
- 5171-1-A EXISTING SOIL VAPOR PROBE LOCATION
- IA-8-D EXISTING INDOOR AIR LOCATION
- OA-12-OP OUTDOOR AIR SAMPLE LOCATION
- VAS-14 VAS SAMPLING LOCATION
- GP04-09 DEEP GAS PROBE

SAMPLE IDENTIFICATION

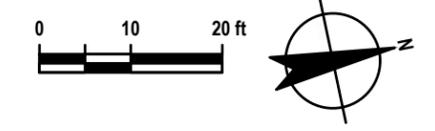
IA-15-C Mar 2012 Trichloroethene 120 (a)

- IA-15-C: SAMPLE IDENTIFICATION
- Mar 2012: SAMPLE DATE
- Trichloroethene: SAMPLE UNITS
- 120 (a): CRITERIA
- 120 (a): CONCENTRATION
- Trichloroethene: PARAMETER

- EXCEEDS SPECIFIED SCREENING LEVEL
- VACUUM READING AT SUB-SLAB PROBE LOCATIONS MEASURED ON JULY 13, 2020 IN INCHES OF WATER COLUMN (" W.C.)
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Chemical	ODH Non-Residential Screening Levels	
	Indoor Air (a) (ppb)	Sub-Slab (b) (ppb)
Benzene	2	20
cis-1,2-Dichloroethene	37	370
Tetrachloroethene	25	250
Trichloroethene	2	20
Vinyl chloride	2	20

NOTE: FIELD MONITORING DATA FOR METHANE IS TABULATED SEPARATELY.



SOUTH DAYTON DUMP AND LANDFILL SITE
2031 DRYDEN ROAD, MORAIN, OHIO

Project No. 11208393
Date September 2020

PARCEL NUMBER 5173, BUILDING 15

Table 1
Summary of Building 8 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:			IA-8-A	IA-8-C								
Sample ID:			IA-38443-091213-GL-009	IA-38443-010914-GL-001	IA-38443-021715-GL-002	IA-38443-071515-6L-023	IA-38443-041316-GL-003	IA-38443-071017-GL-003	IA-38443-071218-JC-007	IA-38443-071619-GL-003	IA-11208393-071620-JC-032	IA-38443-031412-JC-186
Date			9/12/2013	1/9/2014	2/17/2015	7/15/2015	4/13/2016	7/10/2017	7/12/2018	7/16/2019	7/16/2020	3/14/2012
Parameters	Units	ODH Non-Residential Screening Levels										
		Sub-Slab Soil Gas										
		a										
			Indoor Air									
			b									
Volatile Organic Compounds												
1,1-Dichloroethane	ppbv	160	16	0.026 U	0.24 U	0.13 U	0.026 U	1.8 U	0.026 U	0.026 U	0.026 U	0.95 U
Benzene	ppbv	20	2	0.15 J	1.6 J	8.0 ^b	0.63	46 ^b	0.14 J	0.13 J	3.5 ^b	20 ^b
Chloroform (Trichloromethane)	ppbv	800	80	0.038 U	0.35 U	0.19 U	0.038 U	2.7 U	0.038 U	0.038 U	0.038 U	1.4 U
cis-1,2-Dichloroethene	ppbv	370	37	0.060 U	0.55 U	0.30 U	0.060 U	4.2 U	0.060 U	0.060 U	0.060 U	2.2 U
Ethylbenzene	ppbv	2500	250	0.29	21	17	0.33	20	0.073 J	1.2	0.14 J	34
m&p-Xylenes	ppbv	2000	200	1.2	100	72	1.7	85	0.31	1.4	0.51	140
Naphthalene	ppbv	29	2.9	0.090 U	0.97 J	0.82 J	0.090 U	6.4 U	0.28 J	0.090 U	0.090 UJ	3.3 U
o-Xylene	ppbv	2000	200	0.65	44	28	0.86	32	0.11 J	0.81	0.19 J	44
Tetrachloroethene	ppbv	250	25	0.040 U	0.36 U	0.20 U	0.040 U	2.8 U	0.076 J	0.22	0.040 U	1.5 U
Trichloroethene	ppbv	20	2	0.036 U	0.33 U	1.7	0.036 U	2.5 U	0.12 J	0.036 U	0.093 J	1.5 J
Vinyl chloride	ppbv	20	2	0.071 U	0.65 U	0.36 U	0.071 U	5.0 U	0.071 U	0.071 U	0.071 UJ	2.6 U

Notes:

- J Estimated concentration
- NJ Tentatively identified compound, estimated concentration
- U Not detected at the associated reporting limit
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Table 1
Summary of Building 8 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	IA-8-C	IA-8-C	IA-8-D	IA-8-D	IA-8-D	IA-8-D	IA-8-D	IA-8-D	IA-8-D	IA-8-D	IA-8-D	IA-8-D	IA-8-D
Sample ID:	IA-38443-080712-GL-064	IA-38443-091213-GL-011	IA-38443-091213-GL-010	IA-38443-010914-GL-003	IA-38443-021715-GL-003	SDD-IA-8D-0215	IA-38443-071515-6L-026	IA-38443-041316-GL-006	IA-38443-071017-GL-007	IA-38443-071218-JC-001	IA-38443-071619-GL-006	IA-11208393-071620-JC-035	
Date	8/7/2012	9/12/2013	9/12/2013	1/9/2014	2/17/2015	2/17/2015	7/15/2015	4/13/2016	7/10/2017	7/12/2018	7/16/2019	7/16/2020	
Parameters	Units												
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	0.026 U	0.026 U	0.026 U	0.26 U	0.13 U	0.27 U	0.052 U	5.0 U	0.026 U	0.026 U	0.026 U	0.026 U
Benzene	ppbv	0.44	0.38	0.55	2.3 ^b	7.3 ^b	9.1 ^b	0.34 J	6.4 ^b	0.46	0.056 U	1.4	0.40
Chloroform (Trichloromethane)	ppbv	0.038 U	0.038 U	0.038 U	0.38 U	0.19 U	0.14 U	0.076 U	7.3 U	0.038 U	0.061 J	0.038 U	0.038 U
cis-1,2-Dichloroethene	ppbv	0.060 U	0.060 U	0.060 U	0.60 U	0.30 U	0.69 U	0.12 U	12 U	0.060 U	0.060 U	0.060 U	0.060 U
Ethylbenzene	ppbv	1.1	6.6	7.1	41	19	25.4	7.6	18 J	2.4	0.068 U	3.5	0.30
m&p-Xylenes	ppbv	3.7	28	31	190	77	74.3	43	72	13	0.12 U	17	0.48
Naphthalene	ppbv	0.090 U	0.45 J	0.62	1.5 J	0.45 U	0.69 U	0.39 J	17 U	0.36 J	0.090 U	0.59	0.090 U
o-Xylene	ppbv	1.1	15	17	76	28	37.2	25	26 J	5.8	0.061 U	6.1	0.10 J
Tetrachloroethene	ppbv	0.062 J	0.23	0.36	0.40 U	0.20 U	0.14 U	0.080 U	7.7 U	0.066 J	0.061 J	0.11 J	0.14 J
Trichloroethene	ppbv	0.12 J	0.076 J	0.052 J	0.38 J	0.32 J	0.44	0.072 U	7.0 U	0.036 U	0.036 U	0.047 J	0.073 J
Vinyl chloride	ppbv	0.071 U	0.071 U	0.071 U	0.71 U	0.36 U	0.14 U	0.14 U	14 U	0.071 U	0.071 U	0.071 U	0.071 U

Notes:
 J Estimated concentration
 NJ Tentatively identified compound, estimated concentration
 U Not detected at the associated reporting limit
 UJ Not detected; associated reporting limit is estimated
 1.0 Value greater than ODH Non-Residential Screening Level

Table 1
Summary of Building 8 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	IA-8-F	IA-8-F											
Sample ID:	IA-38443-031412-JC-190	IA-38443-080712-GL-067	IA-38443-080712-GL-068	IA-38443-091213-GL-012	IA-38443-010914-GL-006	IA-38443-021715-GL-004	IA-38443-071515-6L-021	IA-38443-041316-GL-007	IA-38443-071017-GL-006	IA-38443-071218-JC-004	IA-38443-071619-GL-005	IA-11208393-071620-JC-033	
Date	3/14/2012	8/7/2012	8/7/2012 Duplicate	9/12/2013	1/9/2014	2/17/2015	7/15/2015	4/13/2016	7/10/2017	7/12/2018	7/16/2019	7/16/2020	
Parameters	Units												
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	0.99 U	0.026 U	0.026 U	0.026 U	0.065 UJ	0.026 U	0.10 U	2.4 U	0.026 U	0.026 U	0.026 U	0.026 U
Benzene	ppbv	13 ^b	0.99	0.79	0.57	0.52 J	2.0	3.4 ^b	37 ^b	0.79	2.7 ^b	1.2	0.14 J
Chloroform (Trichloromethane)	ppbv	1.4 U	0.091 J	0.067 J	0.047 J	0.095 UJ	0.038 U	0.15 U	3.5 U	0.060 U	0.12 J	0.15 J	0.10 J
cis-1,2-Dichloroethene	ppbv	2.3 U	0.060 U	0.25	0.060 U	0.15 UJ	0.060 U	0.24 U	5.5 U	0.060 U	0.060 U	0.060 U	0.060 U
Ethylbenzene	ppbv	27	9.5	7.6	7.2	12 J	4.4	26	37	4.3	31	7.1	2.5
m&p-Xylenes	ppbv	110	36	32	32	56 J	19	100	160	19	130	29	12
Naphthalene	ppbv	3.4 U	0.090 UJ	0.096 J	0.36 J	0.27 J	0.25 J	0.36 U	8.2 U	0.36 J	0.29 J	0.21 J	0.090 U
o-Xylene	ppbv	33	8.5	8.4	10	18 J	6.9	33	52	6.1	33	8.2	4.1
Tetrachloroethene	ppbv	1.5 U	0.13 J	0.076 J	0.14 J	0.10 UJ	0.055 J	2.1	3.7 U	0.063 J	0.074 J	0.22	0.083 J
Trichloroethene	ppbv	1.4 U	0.96	0.89	0.11 J	0.14 J	0.17 J	0.24 J	3.3 U	0.087 J	0.11 J	0.082 J	0.10 J
Vinyl chloride	ppbv	2.7 U	0.071 U	0.071 U	0.071 U	0.18 UJ	0.071 U	0.28 U	6.5 U	0.071 U	0.071 U	0.071 U	0.071 U

Notes:

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Table 1
Summary of Building 8 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	IA-8-Office	IA-8-Office	OA-8	OA-8	OA-8								
Sample ID:	IA-38443-031412-JC-183	IA-38443-080712-GL-061	IA-38443-091213-GL-013	IA-38443-010914-GL-007	IA-38443-041316-GL-008	IA-38443-071017-GL-005	IA-38443-071218-JC-006	IA-38443-071619-GL-004	IA-11208393-071620-JC-036	OA-38443-031412-JC-182	OA-38443-080712-GL-059	OA-38443-010914-GL-008	
Date	3/14/2012	8/7/2012	9/12/2013	1/9/2014	4/13/2016	7/10/2017	7/12/2018	7/16/2019	7/16/2020	3/14/2012	8/7/2012	1/9/2014	
Parameters	Units												
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv 6.1 U	0.026 U	0.026 U	0.26 U	4.4 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	
Benzene	ppbv 26 J ^b	0.41	0.23	2.4 ^b	39 ^b	0.19 J	1.4	0.60	0.10 J	0.41	0.30	0.25	
Chloroform (Trichloromethane)	ppbv 9.0 U	0.043 J	0.059 J	0.38 U	6.4 U	0.049 U	0.079 J	0.090 J	0.038 U	0.17 J	0.042 J	0.038 U	
cis-1,2-Dichloroethene	ppbv 14 U	0.060 U	0.060 U	0.60 U	10 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	
Ethylbenzene	ppbv 22 J	3.8	2.9	28	13 J	0.52	14	0.31	0.22	0.16 J	1.9	0.16 J	
m&p-Xylenes	ppbv 89	15	12	130	54	2.4	58	1.4	0.94	0.52	8.2	0.59	
Naphthalene	ppbv 21 U	0.090 U	0.39 J	1.4 J	15 U	0.15 J	0.36 J	0.16 J	0.090 U	0.090 U	0.090 UJ	0.090 UJ	
o-Xylene	ppbv 30 J	4.3	4.6	54	20 J	0.89	19	0.48	0.30	0.19 J	2.5	0.22	
Tetrachloroethene	ppbv 9.5 U	0.040 U	0.091 J	0.40 U	6.8 U	0.062 J	0.040 U	0.073 J	0.040 U	0.18 J	0.040 U	0.040 U	
Trichloroethene	ppbv 8.5 U	0.29	0.057 J	0.36 U	6.1 U	0.077 J	0.070 J	0.036 U	0.036 U	0.052 J	0.072 J	0.036 U	
Vinyl chloride	ppbv 17 U	0.071 U	0.071 U	0.71 U	12 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	

Notes:

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Table 1
Summary of Building 8 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	OA-8	OA-8-2015	OA-8-2015	SS-8-A	SS-8-A	SS-8-A	SS-8-A						
Sample ID:	OA-38443-071515-6L-019	OA-38443-021715-GL-009	OA-38443-100615-GL-004	OA-38443-041316-GL-009	OA-38443-071017-GL-004	OA-38443-071218-JC-005	OA-38443-071619-GL-007	OA-11208393-071620-JC-037	SS-38443-011112-JC-069	SS-38443-031412-JC-184	SS-38443-080712-GL-060	SS-38443-091213-GL-014	
Date	7/15/2015	2/17/2015	10/6/2015	4/13/2016	7/10/2017	7/12/2018	7/16/2019	7/16/2020	1/11/2012	3/14/2012	8/7/2012	9/12/2013	
Parameters	Units												
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	0.026 U	0.026 U	2.8 U	2.8 U	0.25 J	0.81 U						
Benzene	ppbv	0.098 J	0.32	0.38	0.19 J	0.13 J	0.14 J	0.11 J	1.5 U	6.0 U	1.1 J	1.8 U	
Chloroform (Trichloromethane)	ppbv	0.038 U	16	17 J	25	9.8							
cis-1,2-Dichloroethene	ppbv	0.060 U	27	28	48	110							
Ethylbenzene	ppbv	0.073 J	0.068 J	0.59	0.068 U	0.068 U	0.10 J	0.068 U	1.8 U	7.3 U	0.54 U	2.1 U	
m&p-Xylenes	ppbv	0.27	0.19 J	3.1	0.18 J	0.24	0.45	0.16 J	3.9 U	13 U	1.4 J	5.2 J	
Naphthalene	ppbv	0.090 U	6.9 UJ	9.6 U	0.72 UJ	2.8 U							
o-Xylene	ppbv	0.093 J	0.069 J	1.8	0.065 J	0.090 J	0.24	0.061 U	1.8 U	6.5 U	0.69 J	1.9 U	
Tetrachloroethene	ppbv	0.040 U	0.040 U	0.065 J	0.048 J	0.069 J	0.32	0.052 J	8.5 J	7.8 J	15	15	
Trichloroethene	ppbv	0.036 U	0.036 U	0.036 U	0.036 U	0.094 J	0.060 J	0.036 U	1400*	960*	1800*	780*	
Vinyl chloride	ppbv	0.071 U	0.071 U	2.0	0.071 U	0.071 U	0.071 U	0.071 U	2.3 U	7.6 U	0.57 U	2.2 U	

Notes:

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Table 1
Summary of Building 8 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	SS-8-A	SS-8-A	SS-8-A	SS-8-A	SS-8-A	SS-8-A	SS-8-A	SS-8-A	SS-8-A	SS-8-A	SS-8-A	SS-8-A	SS-8-A	
Sample ID:	SS-38443-010914-GL-002	SS-38443-031014-JT-005	SDD-SS-8A-0215	SS-38443-021715-GL-001	SDD-SS-8A-0715	SS-38443-071515-6L-022	SS-38443-100615-GL-001	SS-38443-041316-GL-001	SS-38443-041316-GL-002	SS-38443-071017-GL-001	SS-38443-071017-GL-002	SS-38443-071218-JC-002	SS-38443-071218-JC-003	
Date:	1/9/2014	3/10/2014	2/17/2015	2/17/2015	7/15/2015	7/15/2015	10/6/2015	4/13/2016	4/13/2016	7/10/2017	7/10/2017	7/12/2018	7/12/2018	
Parameters	Units													
Volatile Organic Compounds														
1,1-Dichloroethane	ppbv	0.26 U	0.26 U	0.29 U	0.13 U	9.1 U	1.5 U	3.4 U	0.63 U	2.3 U	0.70 U	0.69 U	0.47 U	1.6 U
Benzene	ppbv	0.56 U	1.5 J	0.65	0.57 J	12 U	3.2 U	7.4 U	2.2 J	9.6 J	1.5 U	1.5 U	1.0 U	3.4 U
Chloroform (Trichloromethane)	ppbv	2.2	3.9	1.9	1.8	14	7.3 J	20 J	3.6 J	3.4 U	10	8.1	8.9	9.8 J
cis-1,2-Dichloroethene	ppbv	17	20	16.3	13	72	29	130	26	24	74	66	74	75
Ethylbenzene	ppbv	0.97 J	0.68 U	6.6	4.4	8.5 U	3.9 U	9.0 U	6.1	6.0 U	1.8 U	1.8 U	1.2 U	4.1 U
m&p-Xylenes	ppbv	4.3	1.2 J	38.3	26	17 U	6.9 U	16 U	44	31	3.2 U	3.2 U	2.8 J	7.2 U
Naphthalene	ppbv	0.90 UJ	0.90 U	0.94	0.45 U	7.0 U	5.2 U	12 U	3.2 J	8.0 U	2.4 U	2.4 U	1.6 U	5.4 U
o-Xylene	ppbv	1.7 J	0.61 U	27.4	20	8.5 U	3.5 U	8.0 U	38 J	23 J	1.6 U	1.6 U	1.4 J	4.4 J
Tetrachloroethene	ppbv	3.3	3.1	3	2.2	17	7.1 J	19 J	5.0	3.8 J	12	11	61 J	15 J
Trichloroethene	ppbv	220 ^a	240 ^a	158 ^a	160 ^a	1400 ^a	480 ^a	1400 ^a	310 ^a	320 ^a	830 ^a	730 ^a	1200 ^a	1100 ^a
Vinyl chloride	ppbv	0.71 U	0.71 U	0.15 U	0.36 U	14 U	4.1 U	9.4 U	1.7 U	6.3 U	1.9 U	1.9 U	1.3 U	4.3 U

Notes:

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Table 1
Summary of Building 8 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	SS-8-A	SS-8-A	SS-8-A	SS-8-A	SS-8-B	SS-8-C	SS-8-C						
Sample ID:	SS-38443-071619-GL-001	SS-38443-071619-GL-002	SS-11208393-071620-JC-031	SS-11208393-071620-JC-034	SS-38443-011112-JC-065	SS-38443-031412-JC-185	SS-38443-080712-GL-062	SS-38443-100615-GL-002	SS-38443-100615-GL-003	SS-38443-041316-GL-004	SS-38443-011112-JC-066	SS-38443-031412-JC-187	
Date:	7/16/2019	7/16/2019	7/16/2020	7/16/2020	1/11/2012	3/14/2012	8/7/2012	10/6/2015	10/6/2015	4/13/2016	1/11/2012	3/14/2012	
Parameters	Duplicate		Duplicate						Duplicate				
Units													
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	0.80 U	0.76 U	0.50 U	0.26 U	0.10 U	0.13 U	0.26 U	0.26 U	0.26 U	0.065 U	0.076 J	0.28 U
Benzene	ppbv	1.7 U	1.6 U	1.1 U	0.71 J	0.13 J	1.1	0.74 J	0.56 U	0.56 U	1.9	0.077 J	0.59 U
Chloroform (Trichloromethane)	ppbv	6.0 J	5.8	6.9	5.8	0.74	1.0	2.3	2.1	2.2	0.14 J	0.89	1.4 J
cis-1,2-Dichloroethene	ppbv	53	49	56	45	0.49 J	0.55 J	1.4 J	1.0 J	0.81 J	0.15 U	1.7	2.7
Ethylbenzene	ppbv	2.1 U	2.0 U	1.3 U	0.68 U	0.80	0.34 U	1.0 J	0.68 U	0.68 U	1.8	0.10 J	0.72 U
m&p-Xylenes	ppbv	3.7 U	3.5 U	2.3 U	1.2 J	1.1 J	0.60 U	4.1	1.2 U	1.2 U	8.4	0.42 J	1.3 U
Naphthalene	ppbv	2.8 U	2.6 U	1.7 UJ	0.89 U	0.26 U	0.45 U	0.90 U	0.90 U	0.90 U	0.23 U	0.13 UJ	0.95 U
o-Xylene	ppbv	1.9 U	1.8 U	1.2 U	0.61 U	0.40 J	0.30 U	1.8 J	0.61 U	0.61 U	4.0	0.15 J	0.65 U
Tetrachloroethene	ppbv	10	9.3	8.9	8.5	76	79	220	170	170	22	21	32
Trichloroethene	ppbv	630 ^a	590 ^a	630 ^a	700 ^a	31 ^a	26 ^a	95 ^a	86 ^a	84 ^a	5.8	11	17
Vinyl chloride	ppbv	2.2 U	2.1 U	1.4 UJ	0.71 U	0.087 U	0.36 U	0.71 U	0.71 U	0.71 U	0.18 U	0.044 U	0.75 U

Notes:

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Table 1
Summary of Building 8 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	SS-8-C	SS-8-D											
Sample ID:	SS-38443-080712-GL-063	SS-38443-011112-JC-064	SS-38443-031412-JC-188	SS-38443-031412-JC-189	SS-38443-080712-GL-065	SS-38443-091213-GL-015	SS-38443-091213-GL-016	SS-38443-010914-GL-004	SS-38443-010914-GL-005	SS-38443-031014-JT-004	SS-38443-071515-6L-024	SS-38443-071515-6L-025	
Date	8/7/2012	1/11/2012	3/14/2012	3/14/2012 Duplicate	8/7/2012	9/12/2013	9/12/2013 Duplicate	1/9/2014	1/9/2014 Duplicate	3/10/2014	7/15/2015	7/15/2015 Duplicate	
Parameters	Units												
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	0.22 J	0.69 U	0.75 U	0.75 U	1.0 U	0.26 U	0.26 U	0.052 U	0.065 U	0.029 J	0.052 U	0.033 U
Benzene	ppbv	0.28 U	0.35 U	1.6 U	1.6 U	2.2 U	0.56 U	0.56 U	0.65	0.69	3.8	0.35 J	0.27
Chloroform (Trichloromethane)	ppbv	3.3	3.8 J	4.9 J	5.0 J	7.4 J	2.6	3.5	0.53	0.59	0.068 J	0.53	0.53
cis-1,2-Dichloroethene	ppbv	5.0	10	13	14	20	4.6	6.1	1.2	1.4	0.21	1.8	1.8
Ethylbenzene	ppbv	0.34 U	0.43 U	2.0 U	2.0 U	2.7 U	0.68 U	0.68 U	2.4	3.5	15	0.56	0.44
m&p-Xylenes	ppbv	0.60 U	0.95 U	3.4 U	3.4 U	4.7 U	1.9 J	2.2	8.0	12	57	3.0	2.3
Naphthalene	ppbv	0.45 U	1.7 UJ	2.6 U	2.6 U	3.5 U	0.90 U	0.90 U	0.18 UJ	0.23 UJ	0.60	0.18 U	0.11 U
o-Xylene	ppbv	0.30 U	0.43 U	1.8 U	1.8 U	2.4 U	0.84 J	1.0 J	4.3	6.4	27	1.6	1.3
Tetrachloroethene	ppbv	78	8.4	14	11	28	11	15	3.6	4.5	0.57	5.6	5.1
Trichloroethene	ppbv	35 ^a	420 ^a	420 ^a	350 ^a	930 ^a	200 ^a	290 ^a	36 ^a	43 ^a	0.48	34 ^a	32 ^a
Vinyl chloride	ppbv	0.36 U	0.57 U	2.0 U	2.0 U	2.8 U	0.71 U	0.71 U	0.14 U	0.18 U	0.071 U	0.14 U	0.089 U

Notes:
 J Estimated concentration
 NJ Tentatively identified compound, estimated concentration
 U Not detected at the associated reporting limit
 UJ Not detected; associated reporting limit is estimated
1.0 Value greater than ODH Non-Residential Screening Level

Table 1
Summary of Building 8 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	SS-8-D	SS-8-F	SS-8-F	SS-8-F	SS-8-F	SS-8-F
Sample ID:	SS-38443-041316-GL-005	SS-38443-011112-JC-067	SS-38443-011112-JC-068	SS-38443-031412-JC-191	SS-38443-080712-GL-066	SS-38443-071515-6L-020
Date:	4/13/2016	1/11/2012	1/11/2012	3/14/2012	8/7/2012	7/15/2015
Parameters	Units					
Volatile Organic Compounds						
1,1-Dichloroethane	ppbv	1.7 U	0.035 U	0.052 U	0.026 U	0.026 U
Benzene	ppbv	3.8 U	0.17 J	0.18 J	0.26	0.23
Chloroform (Trichloromethane)	ppbv	2.6 U	0.19 J	0.20 J	0.22	0.14 J
cis-1,2-Dichloroethene	ppbv	4.0 U	0.014 U	0.021 U	0.060 U	0.060 U
Ethylbenzene	ppbv	4.6 U	0.20	0.18 J	0.43	0.79
m&p-Xylenes	ppbv	8.1 U	0.44 J	0.31 J	1.2	2.9
Naphthalene	ppbv	6.0 U	0.086 UJ	0.13 J	0.090 U	0.090 U
o-Xylene	ppbv	4.1 U	0.18 J	0.13 J	0.37	0.83
Tetrachloroethene	ppbv	5.3 J	0.59	0.62	0.81	0.50
Trichloroethene	ppbv	24*	5.3	5.6	5.3	3.0
Vinyl chloride	ppbv	4.8 U	0.029 U	0.043 U	0.071 U	0.071 U

Notes:

- J Estimated concentration
- NJ Tentatively identified compound, estimated concentration
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated
- 1.0 Value greater than ODH Non-Residential Screening Level

Table 2
Summary of Building 9 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	ODH Non-Residential Screening Levels		IA-9-A	IA-9-A	IA-9-A	IA-9-A	IA-9-A	IA-9-A	IA-9-A	IA-9-A	IA-9-A	IA-9-A	IA-9-A	
Sample ID:			IA-38443-032712-JC-193	IA-38443-102413-GL-002	IA-38443-031014-JT-001	IA-38443-021715-GL-006	SDD-IA-9A-0215	IA-38443-071515-6L-029	IA-38443-071515-6L-030	IA-38443-041316-GL-012	IA-38443-071017-GL-010	IA-38443-071218-JC-010	IA-38443-071619-GL-010	
Date	Sub-Slab Soil Gas	Indoor Air	3/27/2012	10/24/2013	3/10/2014	2/17/2015	2/17/2015	7/15/2015	7/15/2015 Duplicate	4/13/2016	7/10/2017	7/12/2018	7/16/2019	
Parameters	Units	a	b											
Volatile Organic Compounds														
1,1-Dichloroethane	ppbv	160	16	7.9 U	2.5 U	3.6 U	3.9 U	0.29 U	0.13 U	0.052 U	4.7 U	0.25 U	0.26 U	0.13 U
Benzene	ppbv	20	2	17 U	5.3 U	17 J ^b	8.5 U	4 ^b	0.28 U	0.26 J	10 U	0.54 U	0.56 U	0.60 J
Chloroform (Trichloromethane)	ppbv	800	80	12 U	3.6 U	5.3 U	5.8 U	0.14 U	0.19 U	0.076 U	6.9 U	0.37 U	0.38 U	0.19 U
cis-1,2-Dichloroethene	ppbv	370	37	18 U	5.7 U	8.4 U	9.1 U	0.72 U	0.30 U	0.12 U	11 U	0.58 U	0.60 U	0.30 U
Ethylbenzene	ppbv	2500	250	270 ^b	42	100	44	36.7	0.68 J	1.3 J	66	3.9	17	0.36 J
m&p-Xylenes	ppbv	2000	200	1200 ^b	180	470 ^b	170	103	2.9 J	5.9 J	280 ^b	15	64	1.1
Naphthalene	ppbv	29	2.9	27 U	8.5 U	13 U	14 U	0.71 U	0.45 U	0.18 UJ	16 U	0.87 U	0.90 U	0.45 UJ
o-Xylene	ppbv	2000	200	390 ^b	66	130	49	40.1	0.95 J	1.8 J	82	4.2	16	0.34 J
Tetrachloroethene	ppbv	250	25	12 U	3.8 U	5.6 U	6.1 U	0.14 U	0.20 U	0.080 U	7.3 U	0.39 U	0.40 U	0.20 U
Trichloroethene	ppbv	20	2	13 J ^b	3.4 U	5.0 U	5.4 U	0.14 U	0.18 U	0.072 U	6.6 U	0.35 U	0.36 U	0.18 U
Vinyl chloride	ppbv	20	2	22 U	6.7 U	9.9 U	11 U	0.14 U	0.36 U	0.14 U	13 U	0.69 U	0.71 U	0.36 U

Notes:
D Compounds at secondary dilution factor.
J Estimated concentration
U Not detected at the associated reporting limit
UJ Not detected; associated reporting limit is estimated
1.0 Value greater than ODH Non-Residential Screening Level

Table 2
Summary of Building 9 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	IA-9-A	IA-9-B	IA-9-E										
Sample ID:	IA-11208393-071520-JC-015	IA-38443-031412-JC-195	IA-38443-102413-GL-001	IA-38443-031014-JT-002	IA-38443-052014-GL-002	IA-38443-021715-GL-007	IA-38443-041316-GL-013	IA-38443-071017-GL-012	IA-38443-071218-JC-011	IA-38443-071619-GL-011	IA-11208393-071520-JC-016	IA-38443-052014-GL-004	
Date	7/15/2020	3/14/2012	10/24/2013	3/10/2014	5/20/2014	2/17/2015	4/13/2016	7/10/2017	7/12/2018	7/16/2019	7/15/2020	5/20/2014	
Parameters	Units												
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	0.47 U	22 U	6.3 U	0.47 U	0.026 U	0.52 U	2.0 U	0.039 U	1.4 U	0.052 U	0.90 U	0.026 U
Benzene	ppbv	1.0 U	48 U	14 U	8.1 ^b	0.15 J	4.2 ^b	4.3 U	0.13 J	3.0 U	0.15 J	1.9 U	0.17 J
Chloroform (Trichloromethane)	ppbv	0.69 U	32 U	9.2 U	0.69 U	0.038 U	0.76 U	2.9 U	0.057 U	2.1 U	0.076 U	1.3 U	0.038 U
cis-1,2-Dichloroethene	ppbv	1.1 U	51 U	15 U	1.1 U	0.060 U	1.2 U	4.6 U	0.089 U	3.2 U	0.12 U	2.1 U	0.060 U
Ethylbenzene	ppbv	1.2 U	94 J	39 J	73	0.41	39	56	0.53	14	0.14 U	2.4 U	3.1
m&p-Xylenes	ppbv	2.2 U	420 ^b	160	310 ^b	1.8	150	250 ^b	2.1	58	0.36 J	4.2 U	13
Naphthalene	ppbv	1.6 UJ	76 U	22 U	1.6 U	0.090 U	1.8 U	6.9 U	0.13 U	4.9 U	0.18 UJ	3.1 U	0.090 U
o-Xylene	ppbv	1.1 U	150 J	60	85	0.70	44	77	0.64	15	0.15 J	2.1 U	5.0
Tetrachloroethene	ppbv	0.73 U	34 U	9.7 U	0.73 U	0.040 U	0.80 U	3.1 U	0.063 J	2.2 U	0.14 J	1.4 U	0.040 U
Trichloroethene	ppbv	0.65 U	31 U	8.7 U	0.65 U	0.036 U	0.72 U	2.8 U	0.054 U	1.9 U	0.072 U	1.3 U	0.036 U
Vinyl chloride	ppbv	1.3 UJ	60 U	17 U	1.3 U	0.071 U	1.4 U	5.5 U	0.11 U	3.8 U	0.14 U	2.5 U	0.071 U

Notes:
D Compounds at secondary dilution factor.
J Estimated concentration
U Not detected at the associated reporting limit
UJ Not detected; associated reporting limit is estimated
1.0 Value greater than ODH Non-Residential Screening Level

Table 2
Summary of Building 9 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	IA-9-E	OA-9	OA-9										
Sample ID:	IA-38443-052014-GL-005	OA-38443-031412-JC-192	OA-38443-102413-GL-003	OA-38443-031014-JT-003	OA-38443-052014-GL-006	OA-38443-021715-GL-008	OA-38443-071515-6L-027	OA-38443-041316-GL-014	OA-38443-071017-GL-011	OA-38443-071218-JC-012	OA-38443-071619-GL-012	OA-11208393-071520-JC-017	
Date	5/20/2014	3/14/2012	10/24/2013	3/10/2014	5/20/2014	2/17/2015	7/15/2015	4/13/2016	7/10/2017	7/12/2018	7/16/2019	7/15/2020	
Parameters	Units	Duplicate											
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	0.026 U											
Benzene	ppbv	0.19 J	0.32	0.056 U	0.25	0.16 J	0.31	0.079 J	0.15 J	0.091 J	0.12 J	0.12 J	
Chloroform (Trichloromethane)	ppbv	0.038 U	0.17 J	0.038 U									
cis-1,2-Dichloroethene	ppbv	0.060 U											
Ethylbenzene	ppbv	3.9	0.14 J	0.068 U	0.10 J	0.068 U	0.068 U	0.068 U	0.068 U	0.083 J	0.13 J	0.068 U	
m&p-Xylenes	ppbv	17	0.48	0.12 U	0.36	0.16 J	0.24	0.12 U	0.30	0.22	0.12 U	0.18 J	
Naphthalene	ppbv	0.090 U	0.090 UJ										
o-Xylene	ppbv	6.3	0.16 J	0.061 U	0.11 J	0.066 J	0.061 U	0.083 J	0.061 U	0.10 J	0.061 U	0.071 J	
Tetrachloroethene	ppbv	0.040 U	0.23	0.040 U	0.040 U	0.064 J	0.040 U	0.040 U	0.040 U	0.063 J	2.3	0.30	
Trichloroethene	ppbv	0.036 U	0.50	0.036 U	0.036 U	0.036 U	0.45	0.036 U					
Vinyl chloride	ppbv	0.071 U											

Notes:
D Compounds at secondary dilution factor.
J Estimated concentration
U Not detected at the associated reporting limit
UJ Not detected; associated reporting limit is estimated
1.0 Value greater than ODH Non-Residential Screening Level

Table 2
Summary of Building 9 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	OA-9-Tree	SS-9-A	SS-9-A	SS-9-A	SS-9-A	SS-9-A	SS-9-A	SS-9-A	SS-9-A	SS-9-A	SS-9-A	SS-9-A	SS-9-A	
Sample ID:	OA-38443-032712-JC-222	SS-38443-011112-JC-061	SS-38443-011112-JC-062	SS-38443-032712-JC-194	SDD-SS-9A-0215	SS-38443-021715-GL-005	SDD-SS-9A-0715	SS-38443-071515-6L-028	SS-38443-041316-GL-010	SS-38443-041316-GL-011	SS-38443-071017-GL-008	SS-38443-071017-GL-009	SS-38443-071218-JC-008	
Date:	3/27/2012	1/11/2012	1/11/2012	3/27/2012	2/17/2015	2/17/2015	7/15/2015	7/15/2015	4/13/2016	4/13/2016	7/10/2017	7/10/2017	7/12/2018	
Parameters	Units		Duplicate							Duplicate		Duplicate		
Volatile Organic Compounds														
1,1-Dichloroethane	ppbv	0.026 U	3.5 U	3.5 U	4.3 U	0.29 U	1.7 U	8.9 U	2.5 U	0.90 U	0.80 U	0.52 U	0.46 U	1.4 U
Benzene	ppbv	0.15 J	1.8 U	1.8 U	9.2 U	2	3.6 U	11 U	5.5 U	1.9 U	1.7 U	1.1 U	1.0 U	3.0 U
Chloroform (Trichloromethane)	ppbv	0.038 U	4.6 J	4.3 J	8.6 J	0.69	2.5 U	7.4 U	3.7 U	1.3 U	1.2 U	0.76 U	0.68 U	2.0 U
cis-1,2-Dichloroethene	ppbv	0.060 U	1.4 U	1.4 U	9.9 U	0.72 U	3.9 U	9.1 U	5.8 U	2.1 U	1.9 U	1.2 U	1.1 U	3.2 U
Ethylbenzene	ppbv	0.068 U	2.2 U	2.2 U	11 U	4.8	4.4 U	8.3 U	6.6 U	2.4 U	4.1 J	1.7 J	2.1 J	3.6 U
m&p-Xylenes	ppbv	0.12 U	4.8 U	4.8 U	20 U	6.1	7.8 U	17 U	12 U	7.8 J	18 J	7.7	6.8	6.4 U
Naphthalene	ppbv	0.090 U	8.6 UJ	8.6 UJ	15 U	0.71 U	5.9 U	6.9 U	8.8 UJ	3.1 U	2.8 U	1.8 U	1.6 U	4.8 U
o-Xylene	ppbv	0.061 U	2.2 U	2.2 U	10 U	0.93	4.0 U	8.3 U	5.9 U	2.5 J	5.7 J	1.9 J	2.4 J	3.2 U
Tetrachloroethene	ppbv	0.040 U	48	54	80	30.5	23	68	86	8.6	10	16	18	30
Trichloroethene	ppbv	0.042 J	1800 ^a	1800 ^a	3100 ^a	644 ^a	580 ^a	1500 D ^a	1700 ^a	280 ^a	310 ^a	360 ^a	420 ^a	460 ^a
Vinyl chloride	ppbv	0.071 U	2.9 U	2.9 U	12 U	0.14 U	4.6 U	14 U	6.9 U	2.5 U	2.2 U	1.4 U	1.3 U	3.8 U

Notes:
D Compounds at secondary dilution factor.
J Estimated concentration
U Not detected at the associated reporting limit
UJ Not detected; associated reporting limit is estimated
1.0 Value greater than ODH Non-Residential Screening Level

Table 2
Summary of Building 9 - B and G Trucking Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	SS-9-A	SS-9-A	SS-9-A	SS-9-A	SS-9-A	SS-9-B	SS-9-B	SS-9-B	SS-9-E	
Sample ID:	SS-38443-071218-JC-009	SS-38443-071619-GL-008	SS-38443-071619-GL-009	SS-11208393-071520-JC-014	SS-11208393-071520-JC-018	SS-38443-011112-JC-063	SS-38443-031412-JC-196	SS-38443-052014-GL-001	SS-38443-052014-GL-003	
Date:	7/12/2018	7/16/2019	7/16/2019	7/15/2020	7/15/2020	1/11/2012	3/14/2012	5/20/2014	5/20/2014	
Parameters	Duplicate		Duplicate	Duplicate						
Units										
Volatile Organic Compounds										
1,1-Dichloroethane	ppbv	0.62 U	0.47 U	0.26 U	0.55 U	0.56 U	2.6 U	5.4 U	1.9	0.21 U
Benzene	ppbv	1.3 U	1.0 U	0.56 U	1.2 U	1.2 U	1.4 U	12 U	0.056 U	0.45 U
Chloroform (Trichloromethane)	ppbv	0.90 U	0.69 U	0.59 J	0.84 J	0.81 U	2.3 U	7.9 U	1.6	0.64 J
cis-1,2-Dichloroethene	ppbv	1.4 U	1.1 U	0.60 U	1.3 U	1.3 U	1.1 U	12 U	0.060 U	0.48 U
Ethylbenzene	ppbv	1.7 J	1.2 U	0.68 U	1.4 U	1.5 U	22	19 J	2.0	2.1
m&p-Xylenes	ppbv	2.9 U	2.2 U	1.2 U	2.5 U	2.6 U	92	76	9.2	8.9
Naphthalene	ppbv	2.1 U	1.6 UJ	0.90 UJ	1.9 U	1.9 U	6.5 UJ	19 U	0.090 U	0.72 U
o-Xylene	ppbv	2.1 J	1.1 U	0.61 U	1.3 U	1.3 U	27	26 J	3.0	3.0
Tetrachloroethene	ppbv	32	18 J	3.0 J	14	16	0.83 U	8.3 U	0.50	8.2
Trichloroethene	ppbv	490 ^a	350 ^a	290 ^a	260 ^a	260 ^a	2.3 U	7.5 U	1.3	150 ^a
Vinyl chloride	ppbv	1.7 U	1.3 U	0.71 U	1.5 U	1.5 U	2.2 U	15 U	0.071 U	0.57 U

Notes:

- D Compounds at secondary dilution factor.
- J Estimated concentration
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated
- 1.0 Value greater than ODH Non-Residential Screening Level

Table 3
Summary of Building 12 - S and J Precision and Overstreet Painting
Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	ODH Non-Residential Screening Levels		IA-12-OP-A	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A	IA-12-OP-A	
Sample ID:			IA-38443-031512-JC-215	IA-38443-102413-GL-005	IA-38443-011714-GL-021	IA-38443-040314-JT-010	IA-38443-021815-GL-016	SDD-IA-12OPA-0215	IA-38443-071315-6L-011	IA-38443-061516-GL-012	IA-38443-071317-GL-036	IA-38443-071318-JC-025	IA-38443-100418-AS-002	
Date:			3/15/2012	10/24/2013	1/17/2014	4/3/2014	2/18/2015	2/18/2015	7/13/2015	6/15/2016	7/13/2017	7/13/2018	10/4/2018	
Parameters	Units	Sub-Slab Soil Gas a	Indoor Air b											
Volatile Organic Compounds														
1,1-Dichloroethane	ppbv	160	16	0.026 U	0.10 U	0.026 U	0.052 U	R	0.24 U	0.26 U	0.50 U	0.26 U	0.026 U	0.026 U
Benzene	ppbv	20	2	9.7 ^b	8.8 ^b	3.5 ^b	7.4 ^b	R	5 ^b	4.4 ^b	33 ^b	17 ^b	0.056 U	4.3 ^b
Chloroform (Trichloromethane)	ppbv	800	80	0.23	0.15 U	0.038 U	0.076 U	R	0.12 U	0.38 U	0.73 U	0.39 U	0.038 U	0.10 J
cis-1,2-Dichloroethene	ppbv	370	37	0.35	0.35 J	0.060 U	0.12 U	R	0.62 U	0.60 U	1.2 U	0.61 U	3.9	0.060 U
Ethylbenzene	ppbv	2500	250	8.4	9.9	4.8	12	R	8.8	10	31	39	0.068 U	7.5
m&p-Xylenes	ppbv	2000	200	34	37	19	46	R	34.4	44	120	170	0.12 U	32
Naphthalene	ppbv	29	2.9	0.37 J	0.36 U	0.47 J	0.81 J	R	3.3 ^b	1.1 J	1.9 J	4.5 J ^b	0.090 U	1.2
o-Xylene	ppbv	2000	200	12	12	6.2	17	R	10.1	15	42	60	0.061 U	11
Tetrachloroethene	ppbv	250	25	0.24	0.16 U	0.18 U	0.080 U	R	0.13 U	0.40 U	0.77 U	0.41 U	4.6	11
Trichloroethene	ppbv	20	2	5.0 ^b	6.0 ^b	0.54	0.33 J	R	0.24	0.36 U	0.69 U	0.36 U	0.43	0.39
Vinyl chloride	ppbv	20	2	0.071 U	0.28 U	0.071 U	0.14 U	R	0.13 U	0.71 U	1.4 U	0.72 U	0.071 U	0.071 U

- Notes:
- J Estimated concentration
 - JN Tentatively identified compound, estimated concentration
 - NJ Tentatively identified compound, estimated concentration
 - R Rejected
 - U Not detected at the associated reporting limit
 - UJ Not detected; associated reporting limit is estimated
 - 1.0 Value greater than ODH Non-Residential Screening Level

Table 3
Summary of Building 12 - S and J Precision and Overstreet Painting
Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	IA-12-OP-A	IA-12-OP-A	IA-12-OP-B	IA-12-OP-B									
Sample ID:	IA-38443-071819-GL-037	IA-11208393-071420-JC-009	IA-38443-031512-JC-217	IA-38443-102413-GL-007	IA-38443-011714-GL-020	IA-38443-040314-JT-011	IA-38443-071315-6L-010	IA-38443-061516-GL-010	IA-38443-071317-GL-033	IA-38443-071318-JC-022	IA-38443-100418-AS-001	IA-38443-071819-GL-035	
Date:	7/18/2019	7/14/2020	3/15/2012	10/24/2013	1/17/2014	4/3/2014	7/13/2015	6/15/2016	7/13/2017	7/13/2018	10/4/2018	7/18/2019	
Parameters	Units												
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	0.026 U	0.26 U	0.10 U	0.10 U	0.026 U	0.26 U	0.14 U	0.87 U	0.26 U	0.47 U	0.026 U	0.026 U
Benzene	ppbv	8.1 ^b	3.0 ^b	14 ^b	11 ^b	5.0 ^b	25 ^b	4.2 ^b	39 ^b	11 ^b	7.4 ^b	5.1 ^b	10 ^b
Chloroform (Trichloromethane)	ppbv	0.15 J	0.38 U	0.37 J	0.15 U	0.038 U	0.38 U	0.21 J	1.3 U	0.38 U	0.69 U	0.14 J	0.19 J
cis-1,2-Dichloroethene	ppbv	0.060 U	0.60 U	0.37 J	0.36 J	0.060 U	0.60 U	0.31 U	2.0 U	0.60 U	1.1 U	0.060 U	0.060 U
Ethylbenzene	ppbv	10	1.9 J	10	13	7.4	29	8.9	63	15	13	7.4	10
m&p-Xylenes	ppbv	41	6.8	37	50	29	110	37	250 ^b	61	55	31	41
Naphthalene	ppbv	0.56	0.90 U	0.89 J	0.54 J	0.51 J	0.90 U	0.47 U	4.7 J ^b	1.3 J	1.6 U	1.3	0.71
o-Xylene	ppbv	13	2.5	12	16	9.4	38	12	89	21	20	11	13
Tetrachloroethene	ppbv	0.83	0.40 U	0.51 J	0.16 U	0.12 U	0.40 U	0.21 U	1.3 U	0.40 U	1.2 J	10	0.80
Trichloroethene	ppbv	0.28	0.97 J	5.6 ^b	5.8 ^b	0.43	0.36 U	0.19 U	1.2 U	0.36 U	13 ^b	0.35	0.29
Vinyl chloride	ppbv	0.071 U	0.71 U	0.28 U	0.28 U	0.071 U	0.71 U	0.37 U	2.4 U	0.71 U	1.3 U	0.071 U	0.071 U

Notes:

- J Estimated concentration
- JN Tentatively identified compound, estimated concentration
- NJ Tentatively identified compound, estimated concentration
- R Rejected
- U Not detected at the associated reporting limit
- UU Not detected; associated reporting limit is estimated
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Table 3
Summary of Building 12 - S and J Precision and Overstreet Painting
Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	IA-12-OP-B	IA-12-OP-B	IA-12-OP-Office	IA-12-OP-Office	IA-12-OP-Office	IA-12-SJ-A						
Sample ID:	IA-11208393-071420-JC-011	IA-11208393-071420-JC-012	IA-38443-071317-GL-037	IA-38443-071318-JC-023	IA-11208393-071420-JC-013	IA-38443-030712-JC-111	IA-38443-102413-GL-012	IA-38443-011714-GL-015	IA-38443-040214-JT-004	IA-38443-071317-GL-028	IA-38443-071318-JC-015	IA-38443-071819-GL-029
Date	7/14/2020	7/14/2020	7/13/2017	7/13/2018	7/14/2020	3/7/2012	10/24/2013	1/17/2014	4/2/2014	7/13/2017	7/13/2018	7/18/2019
Parameters	Units											
Volatile Organic Compounds												
1,1-Dichloroethane	ppbv	0.26 U	0.26 U	0.26 U	0.026 U	0.026 U	0.13 U	0.026 U	0.026 U	0.52 U	0.026 U	0.026 U
Benzene	ppbv	1.3 J	2.2 ^b	9.5 ^b	5.4 ^b	0.35	0.22	0.34 J	0.20	1.1 U	0.36	0.35
Chloroform (Trichloromethane)	ppbv	0.38 U	0.38 U	0.38 U	0.15 J	0.038 U	0.066 J	0.19 U	0.038 U	0.76 U	0.065 J	0.086 J
cis-1,2-Dichloroethene	ppbv	0.60 U	0.60 U	0.60 U	0.060 U	0.060 U	0.077 J	0.30 U	0.060 U	1.2 U	0.060 U	0.060 U
Ethylbenzene	ppbv	0.87 J	2.0	20	13	0.53	0.17 J	1.1	0.77	6.1	1.1	0.68
m&p-Xylenes	ppbv	3.0 J	7.4 J	88	56	2.2	0.58	3.6	2.6	14	23	2.7
Naphthalene	ppbv	0.90 UJ	0.90 U	1.8 J	1.1	0.090 U	0.12 J	0.45 U	0.090 UJ	0.097 J	1.8 U	0.090 U
o-Xylene	ppbv	0.98 J	2.2	31	21	0.76	0.25	1.2	0.80	2.7	5.5	1.3
Tetrachloroethene	ppbv	0.40 U	0.40 U	0.40 U	0.28	0.12 J	0.62	0.40 J	0.33	0.41	0.80 U	6.4
Trichloroethene	ppbv	0.46 J	0.36 U	0.36 U	0.30	0.17 J	2.7 ^b	0.65 J	0.22	0.14 J	0.72 U	0.21
Vinyl chloride	ppbv	0.71 UJ	0.71 U	0.71 U	0.071 U	0.071 U	0.36 U	0.071 U	0.071 U	1.4 U	0.071 U	0.071 U

- Notes:
- J Estimated concentration
 - JN Tentatively identified compound, estimated concentration
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Table 3
Summary of Building 12 - S and J Precision and Overstreet Painting
Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	IA-12-SJ-A	IA-12-SJ-B	IA-12-SJ-B	IA-12-SJ-B	IA-12-SJ-B	IA-12-SJ-C							
Sample ID:	IA-11208393-071420-JC-004	IA-38443-102413-GL-015	IA-38443-021815-GL-011	IA-38443-071315-6L-003	IA-38443-061616-GL-016	IA-38443-102413-GL-011	IA-38443-011714-GL-016	IA-38443-040214-JT-005	IA-38443-061616-GL-018	IA-38443-071317-GL-030	IA-38443-071318-JC-017	IA-38443-071819-GL-031	
Date	7/14/2020	10/24/2013	2/18/2015	7/13/2015	6/16/2016	10/24/2013	1/17/2014	4/2/2014	6/16/2016	7/13/2017	7/13/2018	7/18/2019	
Parameters	Units												
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	0.35 U	0.13 U	0.47 U	0.026 U	3.8 U	0.13 U	0.026 U	0.026 U	1.6 U	0.52 U	0.026 U	0.10 U
Benzene	ppbv	0.75 U	0.31 J	1.0 U	0.24	8.1 U	0.34 J	0.21	0.30	3.5 U	1.1 U	0.36	0.23 J
Chloroform (Trichloromethane)	ppbv	0.51 U	0.19 U	0.69 U	0.085 J	5.5 U	0.19 U	0.038 U	0.038 U	2.4 U	0.76 U	0.082 J	0.15 U
cis-1,2-Dichloroethene	ppbv	0.80 U	0.30 U	1.1 U	0.060 U	8.7 U	0.30 U	0.060 U	0.060 U	3.8 U	1.2 U	0.060 U	0.24 U
Ethylbenzene	ppbv	3.1	1.1	15	2.7	9.9 U	1.5	0.77	5.2	4.3 U	15	1.1	0.37 J
m&p-Xylenes	ppbv	13	3.3	41 J	7.9	17 U	4.4	2.5	12	9.7 J	54	4.0	1.4
Naphthalene	ppbv	1.2 U	0.45 U	1.6 U	0.70	13 U	0.45 U	0.11 J	0.097 J	5.6 U	1.8 U	0.45 J	0.36 UJ
o-Xylene	ppbv	2.9	1.1	9.4	3.3	8.8 U	1.2	0.69	2.0	3.8 U	13	1.5	0.45 J
Tetrachloroethene	ppbv	0.91 J	0.43 J	0.73 U	0.58	5.8 U	0.60 J	0.36	0.39	2.5 U	0.80 U	4.9	3.5
Trichloroethene	ppbv	0.48 U	0.55 J	1.4 J	0.20	5.2 U	0.69 J	0.25	0.15 J	2.3 U	0.72 U	0.20	0.14 U
Vinyl chloride	ppbv	0.95 U	0.36 U	1.3 U	0.071 U	10 U	0.36 U	0.071 U	0.071 U	4.4 U	1.4 U	0.071 U	0.28 UJ

Notes:
 J Estimated concentration
 JN Tentatively identified compound, estimated concentration
 NJ Tentatively identified compound, estimated concentration
 R Rejected
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 1.0 Value greater than ODH Non-Residential Screening Level

Table 3
Summary of Building 12 - S and J Precision and Overstreet Painting
Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	IA-12-SJ-C	IA-12-SJ-C-2012	IA-12-SJ-C-2013	IA-12-SJ-C-2013	IA-12-SJ-C-2013	IA-12-SJ-C-2013	IA-12-SJ-D	IA-12-SJ-D	IA-12-SJ-D	IA-12-SJ-D	IA-12-SJ-D	IA-12-SJ-D
Sample ID:	IA-11208393-071420-JC-006	IA-38443-030712-JC-114	IA-38443-071317-GL-029	IA-38443-071318-JC-018	IA-38443-071819-GL-028	IA-11208393-071420-JC-005	IA-38443-030712-JC-116	IA-38443-102413-GL-014	IA-38443-011714-GL-012	IA-38443-040214-JT-006	IA-38443-021815-GL-012	IA-38443-071315-6L-006
Date	7/14/2020	3/7/2012	7/13/2017	7/13/2018	7/18/2019	7/14/2020	3/7/2012	10/24/2013	1/17/2014	4/2/2014	2/18/2015	7/13/2015
Parameters	Units											
Volatile Organic Compounds												
1,1-Dichloroethane	ppbv	0.35 U	0.026 U	0.47 U	0.026 U	0.026 U	0.35 U	0.026 U	0.13 U	0.026 U	0.026 U	0.026 U
Benzene	ppbv	0.75 U	0.18 J	1.0 U	0.38	0.28	0.75 U	0.21	0.32 J	0.25	0.25	0.22
Chloroform (Trichloromethane)	ppbv	0.51 U	0.049 J	0.69 U	0.065 J	0.085 J	0.51 U	0.074 J	0.19 U	0.038 U	0.038 U	0.065 J
cis-1,2-Dichloroethene	ppbv	0.80 U	0.060 U	1.1 U	0.060 U	0.060 U	0.80 U	0.093 J	0.30 U	0.060 U	0.060 U	0.060 U
Ethylbenzene	ppbv	3.1	0.094 J	8.0	1.1	0.72	2.8	0.17 J	1.1	0.70	4.7	2.9
m&p-Xylenes	ppbv	11	0.29	27	3.8	2.8	11	0.51	3.3	2.3	11	8.1
Naphthalene	ppbv	1.2 U	0.090 UJ	1.6 U	0.23 J	0.24 J	1.2 U	0.090 UJ	0.45 U	0.090 UJ	0.13 J	0.090 U
o-Xylene	ppbv	2.9	0.12 J	6.4	1.4	0.84	2.7	0.23	1.0	0.64	1.8	3.0
Tetrachloroethene	ppbv	0.69 J	0.41	0.73 U	6.6	5.1	1.0 J	0.67	0.37 J	0.36	0.35	0.45
Trichloroethene	ppbv	0.48 U	1.6	0.65 U	0.18 J	0.26	0.48 U	3.1 ^b	0.63 J	0.27	0.14 J	0.64
Vinyl chloride	ppbv	0.95 U	0.071 U	1.3 U	0.071 U	0.071 U	0.95 U	0.071 U	0.36 U	0.071 U	0.071 U	0.071 U

- Notes:
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Table 3
Summary of Building 12 - S and J Precision and Overstreet Painting
Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	IA-12-SJ-D	IA-12-SJ-D	IA-12-SJ-D	IA-12-SJ-D	IA-12-SJ-D	OA-12	OA-12	OA-12-OP	OA-12-OP	OA-12-OP-2015	OA-12-OP-2015	OA-12-OP-2015	
Sample ID:	IA-38443-061616-GL-020	IA-38443-071317-GL-031	IA-38443-071318-JC-016	IA-38443-071819-GL-030	IA-11208393-071420-JC-003	OA-38443-102413-GL-013	OA-38443-011714-GL-018	OA-38443-031512-JC-214	OA-38443-040314-JT-012	OA-38443-021815-GL-017	OA-38443-071315-6L-007	OA-38443-061516-GL-013	
Date	6/16/2016	7/13/2017	7/13/2018	7/18/2019	7/14/2020	10/24/2013	1/17/2014	3/15/2012	4/3/2014	2/18/2015	7/13/2015	6/15/2016	
Parameters	Units												
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	4.1 U	0.43 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 UJ	0.026 U	0.026 U
Benzene	ppbv	8.9 U	1.1 J	0.36	0.27	0.12 J	0.23	0.22	0.33	0.15 J	0.12 J	0.19 J	0.19 J
Chloroform (Trichloromethane)	ppbv	6.0 U	0.63 U	0.072 J	0.083 J	0.038 U	0.038 U	0.074 J	0.038 U	0.038 UJ	0.038 U	0.038 U	0.038 U
cis-1,2-Dichloroethene	ppbv	9.5 U	1.0 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 UJ	0.060 U	0.060 U	0.060 U
Ethylbenzene	ppbv	11 U	18	1.0	0.62	0.20	0.068 U	0.068 U	0.13 J	0.068 UJ	0.084 J	0.15 J	0.15 J
m&p-Xylenes	ppbv	19 U	60	3.8	2.3	0.74	0.12 U	0.12 U	0.44	0.12 UJ	0.32	0.43	0.43
Naphthalene	ppbv	14 UJ	1.5 U	0.48 J	0.33 J	0.090 U	0.090 U	0.090 U	0.090 U	0.090 UJ	0.090 U	0.090 UJ	0.090 UJ
o-Xylene	ppbv	9.7 U	14	1.3	0.73	0.23	0.061 U	0.061 U	0.17 J	0.061 UJ	0.12 J	0.15 J	0.15 J
Tetrachloroethene	ppbv	6.3 U	0.74 J	5.9	4.2	0.040 U	0.040 U	0.057 J	0.040 U	0.040 UJ	0.040 U	0.040 U	0.040 U
Trichloroethene	ppbv	5.7 U	0.60 U	0.19 J	0.055 J	0.041 J	0.054 U	0.10 J	0.036 U	0.036 UJ	0.036 U	0.036 U	0.036 U
Vinyl chloride	ppbv	11 U	1.2 U	0.071 U	0.071 UJ	0.071 U	0.071 U	0.071 U	0.071 U	0.071 UJ	0.071 U	0.071 U	0.071 U

- Notes:
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Table 3
Summary of Building 12 - S and J Precision and Overstreet Painting
Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	OA-12-OP-2015	OA-12-OP-2015	OA-12-OP-2015	OA-12-OP-2015	OA-12-SJ	OA-12-SJ	OA-12-SJ	OA-12-SJ	OA-12-SJ	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A
Sample ID:	OA-38443-071317-GL-038	OA-38443-071318-JC-019	OA-38443-071819-GL-032	OA-11208393-071420-JC-007	OA-38443-030712-JC-110	OA-38443-040214-JT-007	OA-38443-021815-GL-013	OA-38443-071315-6L-001	OA-38443-061616-GL-021	SS-38443-010612-JC-022	SS-38443-031512-JC-216	SS-38443-102413-GL-004
Date	7/13/2017	7/13/2018	7/18/2019	7/14/2020	3/7/2012	4/2/2014	2/18/2015	7/13/2015	6/16/2016	1/6/2012	3/15/2012	10/24/2013
Parameters	Units											
Volatile Organic Compounds												
1,1-Dichloroethane	ppbv	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 UJ	0.026 U	0.026 U	5.3 U	5.8 J	6.6 U
Benzene	ppbv	0.14 J	0.25	0.78	0.10 J	0.056 U	0.33	0.29 J	0.14 J	2.7 U	3.9 U	14 U
Chloroform (Trichloromethane)	ppbv	0.038 U	0.038 U	0.078 J	0.038 U	0.038 U	0.11 J	0.038 UJ	0.038 U	0.038 U	51	66
cis-1,2-Dichloroethene	ppbv	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 UJ	0.060 U	0.060 U	570*	920*
Ethylbenzene	ppbv	0.11 J	0.15 J	0.58	0.071 J	0.068 U	0.17 J	0.098 J	0.068 U	1.2	3.3 U	4.7 U
m&p-Xylenes	ppbv	0.45	0.54	2.6	0.24	0.12 U	0.54	0.27 J	0.18 J	5.0	7.2 U	8.3 U
Naphthalene	ppbv	0.090 U	0.090 U	0.090 U	0.090 U	0.090 UJ	0.090 U	0.090 UJ	0.090 U	0.096 J	13 U	6.2 U
o-Xylene	ppbv	0.16 J	0.21	0.76	0.087 J	0.061 U	0.21	0.080 J	0.067 J	2.1	3.3 U	4.2 U
Tetrachloroethene	ppbv	0.062 J	0.059 J	0.13 J	0.53	0.040 U	0.040 U	0.040 UJ	0.058 J	0.040 U	3.8 J	3.9 J
Trichloroethene	ppbv	0.036 U	0.036 U	0.036 U	0.078 J	0.036 U	0.036 U	0.036 UJ	0.44	0.036 U	2400*	2600*
Vinyl chloride	ppbv	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 UJ	0.071 U	0.071 U	0.071 U	4.4 U	4.9 U
												18 U

Notes:

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1.0 Value greater than ODH Non-Residential Screening Level

Table 3
Summary of Building 12 - S and J Precision and Overstreet Painting
Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-A	SS-12-OP-B	SS-12-OP-B
Sample ID:	SS-38443-011714-GL-022	SS-38443-040314-JT-008	SS-38443-021815-GL-015A	SS-38443-071315-6L-012	SS-38443-061516-GL-011	SS-38443-071317-GL-034	SS-38443-071317-GL-035	SS-38443-071318-JC-024	SS-38443-071819-GL-036	SS-11208393-071420-JC-008	SS-38443-010612-JC-021	SS-38443-031512-JC-218	
Date	1/17/2014	4/3/2014	2/18/2015	7/13/2015	6/15/2016	7/13/2017	7/13/2017 Duplicate	7/13/2018	7/18/2019	7/14/2020	1/6/2012	3/15/2012	
Parameters	Units												
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	0.61 U	2.1 U	0.52 U	0.35 U	2.5 U	2.6 U	2.3 U	3.0 U	0.77 U	1.7 U	5.2 U	5.9 U
Benzene	ppbv	1.3 U	4.6 U	1.1 U	0.76 U	5.3 U	5.5 U	5.0 U	6.4 U	1.7 U	3.7 U	2.7 U	13 U
Chloroform (Trichloromethane)	ppbv	11	17	6.1	8.8	19	22	18	22 J	20	14	71	110
cis-1,2-Dichloroethene	ppbv	140	260	94	110	310	300	260	350	280	170	440 ^a	770 ^a
Ethylbenzene	ppbv	1.6 U	5.6 U	1.4 U	0.93 U	6.5 U	6.7 U	6.1 U	7.7 U	2.0 U	4.6 U	3.3 U	15 U
m&p-Xylenes	ppbv	2.8 U	9.8 U	3.4 J	3.2	11 U	12 U	11 U	14 U	3.6 U	8.0 U	7.1 U	27 U
Naphthalene	ppbv	2.1 U	7.4 U	1.8 U	1.2 U	8.6 UJ	8.9 U	8.0 U	10 U	2.7 U	6.0 U	13 U	20 U
o-Xylene	ppbv	1.4 U	5.0 U	1.2 U	1.2 J	5.8 U	6.0 U	5.4 U	6.9 U	1.8 U	4.1 U	3.3 U	14 U
Tetrachloroethene	ppbv	1.1 J	3.3 U	14	1.7 J	3.8 U	4.0 U	3.6 U	4.6 U	3.1 J	2.7 U	4.9 J	9.8 J
Trichloroethene	ppbv	710 ^a	950 ^a	270 ^a	460 ^a	980 ^a	1000 ^a	840 ^a	1200 ^a	1000 ^a	610 ^a	2800 ^a	5400 ^a
Vinyl chloride	ppbv	1.7 U	5.8 U	1.4 U	0.97 U	6.8 U	7.0 U	6.3 U	8.1 U	2.1 U	4.8 U	4.3 U	16 U

- Notes:
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Table 3
Summary of Building 12 - S and J Precision and Overstreet Painting
Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	SS-12-OP-B	SS-12-OP-B	SS-12-OP-B	SS-12-OP-B	SS-12-OP-B	SS-12-OP-B	SS-12-OP-B	SS-12-OP-B	SS-12-OP-B	SS-12-OP-B	SS-12-OP-B	SS-12-OP-B	
Sample ID:	SS-38443-102413-GL-006	SS-38443-011714-GL-019	SS-38443-040314-JT-009	SS-38443-021815-GL-014	SS-38443-021815-GL-015B	SS-38443-071315-6L-008	SS-38443-071315-6L-009	SS-38443-061516-GL-008	SS-38443-061516-GL-009	SS-38443-071317-GL-032	SS-38443-071318-JC-020	SS-38443-071318-JC-021	
Date	10/24/2013	1/17/2014	4/3/2014	2/18/2015	2/18/2015	7/13/2015	7/13/2015	6/15/2016	6/15/2016	7/13/2017	7/13/2018	7/13/2018	
Parameters	Units				Duplicate		Duplicate		Duplicate			Duplicate	
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	5.2 U	2.1 U	2.1 U	3.6 U	3.5 U	3.1 U	2.5 U	4.8 U	7.9 U	4.5 U	2.0 U	0.47 U
Benzene	ppbv	11 U	4.5 U	16	7.7 U	7.6 U	6.8 U	5.3 U	10 U	17 U	9.6 U	4.4 U	1.0 U
Chloroform (Trichloromethane)	ppbv	97	68	22	25 J	24 J	15 J	11 J	31 J	37 J	17 J	24	19
cis-1,2-Dichloroethene	ppbv	290	220	100	140	140	96	64	250	270	94	120	95
Ethylbenzene	ppbv	14 U	5.4 U	21	9.3 U	9.3 U	8.2 U	6.4 U	13 U	21 U	12 U	5.3 U	1.2 U
m&p-Xylenes	ppbv	24 U	9.6 U	78	16 U	16 U	14 U	11 U	22 U	36 U	21 U	9.4 U	2.2 U
Naphthalene	ppbv	18 U	7.2 U	7.1 U	12 U	12 U	11 U	8.5 U	17 UJ	27 UJ	15 U	7.1 U	1.6 U
o-Xylene	ppbv	12 U	4.9 U	27	8.4 U	8.3 U	7.4 U	5.8 U	11 U	18 U	10 U	4.8 U	1.1 U
Tetrachloroethene	ppbv	30 J	37	13 J	16 J	16 J	24	17 J	83	100	50	79	72
Trichloroethene	ppbv	4700 ^a	4500 ^a	1100 ^a	1500 ^a	1500 ^a	1300 ^a	800 ^a	3300 ^a	4000 ^a	1500 ^a	2400 ^a	2200 ^a
Vinyl chloride	ppbv	14 U	5.7 U	5.6 U	9.8 U	9.7 U	8.6 U	6.7 U	13 U	21 U	12 U	5.6 U	1.3 U

Notes:

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Table 3
Summary of Building 12 - S and J Precision and Overstreet Painting
Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	SS-12-OP-B	SS-12-OP-B	SS-12-OP-B	SS-12-OP-C	SS-12-SJ-A	SS-12-SJ-A	SS-12-SJ-A	SS-12-SJ-A	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	
Sample ID:	SS-38443-071819-GL-033	SS-38443-071819-GL-034	SS-11208393-071420-JC-010	SS-12-OP-C	SS-38443-010612-JC-023	SS-38443-010612-JC-024	SS-38443-030712-JC-112	SS-38443-030712-JC-118	SS-38443-010612-JC-025	SS-38443-030712-JC-113	SS-38443-102413-GL-008	SS-38443-102413-GL-009	
Date	7/18/2019	7/18/2019 Duplicate	7/14/2020	10/24/2013	1/6/2012 Duplicate	1/6/2012	3/7/2012	3/7/2012 Duplicate	1/6/2012	3/7/2012	10/24/2013	10/24/2013 Duplicate	
Parameters	Units												
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	4.0 U	3.7 U	2.7 U	--	R	3.5 U	1.8 U	1.8 U	9.0 U	5.8 U	8.7 U	8.2 U
Benzene	ppbv	8.6 U	8.0 U	5.7 U	--	R	1.8 U	3.9 U	4.0 U	4.6 U	12 U	19 U	18 U
Chloroform (Trichloromethane)	ppbv	22 J	18 J	11 J	--	R	8.8 J	9.5 J	9.7 J	25 J	32 J	37 J	38 J
cis-1,2-Dichloroethene	ppbv	100	78	56	--	R	26	23	24	570 ^a	530 ^a	470 ^a	480 ^a
Ethylbenzene	ppbv	10 U	9.8 U	7.0 U	--	R	2.2 U	4.8 U	4.8 U	5.6 U	15 U	23 U	21 U
m&p-Xylenes	ppbv	18 U	17 U	12 U	--	R	4.8 U	8.4 U	8.5 U	12 U	27 U	40 U	38 U
Naphthalene	ppbv	14 U	13 U	9.2 U	--	R	8.6 U	6.3 U	6.4 U	22 UJ	20 UJ	30 U	28 U
o-Xylene	ppbv	9.4 U	8.7 U	6.3 U	--	R	2.2 U	4.3 U	4.3 U	5.6 U	14 U	21 U	19 U
Tetrachloroethene	ppbv	77	64	40	--	R	5.8 J	6.9 J	7.0 J	9.2 J	10 J	13 U	14 J
Trichloroethene	ppbv	2200 ^a	1800 ^a	1000 ^a	1800 ^a	R	1300 ^a	1400 ^a	1400 ^a	5600 ^a	5600 ^a	6700 ^a	7000 ^a
Vinyl chloride	ppbv	11 U	10 U	7.3 U	--	R	2.9 U	5.0 U	5.0 U	7.4 U	16 U	24 U	22 U

- Notes:
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Table 3
Summary of Building 12 - S and J Precision and Overstreet Painting
Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	
Sample ID:	SS-38443-011714-GL-013	SS-38443-011714-GL-014	SS-38443-040214-JT-001	SS-38443-040214-JT-002	SDD-SS-12SJB-0215	SS-38443-021815-GL-010	SDD-SS-12SJB-0715	SS-38443-071315-6L-002	SS-38443-061616-GL-014	SS-38443-061616-GL-015	SS-38443-071317-GL-026	SS-38443-071317-GL-027	
Date	1/17/2014	1/17/2014 Duplicate	4/2/2014	4/2/2014 Duplicate	2/18/2015	2/18/2015	7/13/2015	7/13/2015	6/16/2016	6/16/2016 Duplicate	7/13/2017	7/13/2017 Duplicate	
Parameters	Units												
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	6.2 U	1.1 U	3.0 U	14 U	0.27 U	0.026 U	44 U	17 U	4.7 U	1.8 U	2.4 U	2.7 U
Benzene	ppbv	13 U	2.4 U	6.5 U	29 U	0.52	0.43	56 U	38 U	10 U	3.8 U	5.1 U	5.9 U
Chloroform (Trichloromethane)	ppbv	38 J	19 J	10 J	36 J	19	14	36 U	46 J	6.8 U	4.5 J	4.9 U	5.8 U
cis-1,2-Dichloroethene	ppbv	390 J ^a	210 J	120 J	410 J ^a	152	110	210	330	22 J	21	16 J	19 J
Ethylbenzene	ppbv	16 U	2.9 U	7.8 U	36 U	4.1	4.0	41 U	46 U	12 U	4.6 U	6.2 U	7.1 U
m&p-Xylenes	ppbv	29 U	5.1 U	14 U	63 U	11.7	11 J	82 U	81 U	22 U	8.2 U	11 U	13 U
Naphthalene	ppbv	22 U	3.8 U	10 U	47 U	0.69 U	0.090 U	34 U	60 U	16 U	6.1 UJ	8.2 U	9.4 U
o-Xylene	ppbv	15 U	2.6 U	7.0 U	32 U	2.7	2.5	41 U	41 U	11 U	4.2 U	5.6 U	6.4 U
Tetrachloroethene	ppbv	14 J	7.3 J	4.6 U	21 U	9.8	8.1	26 U	27 U	43	40	43	49
Trichloroethene	ppbv	6400 ^a	5300 ^a	1600 J ^a	6100 J ^a	3300 ^a	2000 ^a	5700 ^a	7700 ^a	1500 ^a	1700 ^a	1400 ^a	1700 ^a
Vinyl chloride	ppbv	17 U	3.0 U	8.2 U	37 U	0.14 U	0.071 U	70 U	48 U	13 U	4.8 U	6.5 U	7.4 U

Notes:

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Table 3
Summary of Building 12 - S and J Precision and Overstreet Painting
Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-B	SS-12-SJ-C	SS-12-SJ-C	SS-12-SJ-C	SS-12-SJ-C	SS-12-SJ-C	SS-12-SJ-C	
Sample ID:	SS-38443-071318-JC-013	SS-38443-071318-JC-014	SS-38443-071819-GL-026	SS-38443-071819-GL-027	SS-11208393-071420-JC-001	SS-11208393-071420-JC-002	SS-38443-010612-JC-026	SS-38443-030712-JC-115	SS-38443-102413-GL-010	SS-38443-011714-GL-017	SS-38443-040214-JT-003	SS-38443-061616-GL-017	
Date:	7/13/2018	7/13/2018	7/18/2019	7/18/2019	7/14/2020	7/18/2020	1/6/2012	3/7/2012	10/24/2013	1/17/2014	4/2/2014	6/16/2016	
Parameters	Units		Duplicate		Duplicate								
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	0.026 U	0.026 U	2.7 U	2.9 U	2.7 U	2.7 U	0.35 U	0.26 U	0.052 U	0.052 U	0.026 U	0.67
Benzene	ppbv	0.62	0.60	5.8 U	6.3 U	5.9 U	5.7 U	0.18 U	0.56 U	0.12 J	0.15 J	0.14 J	0.15 J
Chloroform (Trichloromethane)	ppbv	3.4	3.4	3.9 U	4.3 U	4.0 U	3.9 U	0.79 J	0.70 J	0.16 J	0.076 U	0.071 J	0.096 J
cis-1,2-Dichloroethene	ppbv	20	20	13 J	13 J	12 J	13 J	0.65 J	0.60 U	0.18 J	0.12 U	0.060 U	0.12 U
Ethylbenzene	ppbv	0.068 U	0.068 U	7.0 U	7.7 U	7.2 U	7.0 U	0.22 U	0.68 U	0.14 U	0.23 J	0.068 U	0.15 J
m&p-Xylenes	ppbv	0.21	0.16 J	12 U	14 U	13 U	12 U	0.48 U	1.2 U	0.43	0.79	0.12 U	0.48
Naphthalene	ppbv	0.090 U	0.090 U	9.3 U	10 U	9.5 U	9.2 U	0.86 U	0.90 UJ	0.18 U	0.18 U	0.090 U	6.2
o-Xylene	ppbv	0.11 J	0.065 J	6.3 U	6.9 U	6.5 U	6.2 U	0.22 U	0.61 U	0.14 J	0.27 J	0.061 U	0.21 J
Tetrachloroethene	ppbv	52	39	33	34	37	40	28	23	4.5	3.0	1.5	0.92
Trichloroethene	ppbv	1500 ^a	1200 ^a	1000 ^a	1000 ^a	1000 ^a	1200 ^a	230 ^a	180 ^a	31 ^a	17	9.5	4.2
Vinyl chloride	ppbv	0.071 U	0.071 U	7.3 U	8.0 U	7.5 U	7.3 U	0.29 U	0.71 U	0.14 U	0.14 U	0.071 U	0.14 U

Notes:
 J Estimated concentration
 JN Tentatively identified compound, estimated concentration
 NJ Tentatively identified compound, estimated concentration
 R Rejected
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 UJ Not detected; associated reporting limit is estimated
 1.0 Value greater than ODH Non-Residential Screening Level

Table 3

**Summary of Building 12 - S and J Precision and Overstreet Painting
Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020**

Sample Location:	SS-12-SJ-D	SS-12-SJ-D	SS-12-SJ-D	SS-12-SJ-D	SS-12-SJ-D	
Sample ID:	SS-38443-010612-JC-027	SS-38443-030712-JC-117	SS-12-SJ-D	SS-38443-071215-6L-004	SS-38443-071215-6L-005	
Date	1/6/2012	3/7/2012	10/24/2013	7/12/2015	7/12/2015	
Parameters	Units					
Volatile Organic Compounds						
1,1-Dichloroethane	ppbv	1.1 U	2.0 U	--	0.13 U	0.26 U
Benzene	ppbv	0.54 U	4.2 U	--	0.28 U	0.56 U
Chloroform (Trichloromethane)	ppbv	24	23	--	0.69 J	0.63 J
cis-1,2-Dichloroethene	ppbv	240	200	--	24	21
Ethylbenzene	ppbv	0.66 U	5.2 U	--	0.34 U	0.68 U
m&p-Xylenes	ppbv	1.4 U	9.1 U	--	0.60 U	1.2 U
Naphthalene	ppbv	2.6 U	6.8 U	--	0.45 U	0.90 U
o-Xylene	ppbv	0.66 U	4.6 U	--	0.31 U	0.61 U
Tetrachloroethene	ppbv	3.5 J	3.2 J	--	0.68 J	0.69 J
Trichloroethene	ppbv	1200^a	940^a	1500^a	110^a	110^a
Vinyl chloride	ppbv	0.87 U	5.4 U	--	0.36 U	0.71 U

Notes:

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JN	Tentatively identified compound, estimated concentration
NJ	Tentatively identified compound, estimated concentration
R	Rejected
U	Not detected at the associated reporting limit
UJ	Not detected; associated reporting limit is estimated
1.0	Value greater than ODH Non-Residential Screening Level

Table 4
Summary of Building 14 - NexGen Vending Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location: Sample ID: Date	ODH Non-Residential Screening Levels		IA-14-A	IA-14-A	IA-14-A	IA-14-A	IA-14-A	IA-14-A	IA-14-A	IA-14-A	IA-14-A	IA-14-A	IA-14-B
	Sub-Slab Soil Gas a	Indoor Air b	3/27/2012	8/2/2012	1/16/2014	6/3/2014	6/15/2016	7/11/2017	7/25/2018	7/17/2019	7/16/2020	3/27/2012	
Parameters	Units												
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	160	16	0.026 U	0.046 J	0.026 U	0.026 U	0.026 U	0.026 U	0.050 U	0.13 U	0.077 U	0.035 J
Benzene	ppbv	20	2	0.58	2.4 ^b	3.2 ^b	0.54	1.9	0.63	3.5 ^b	1.5	0.87	0.67
Chloroform (Trichloromethane)	ppbv	800	80	0.038 U	0.15 J	0.038 U	0.038 U	0.074 J	0.093 J	0.13 J	0.19 U	0.11 U	0.038 U
cis-1,2-Dichloroethene	ppbv	370	37	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.12 U	0.30 U	0.18 U	0.060 U
Ethylbenzene	ppbv	2500	250	0.21	1.2	1.8	0.59	1.0	1.6	2.3	2.3	0.40 J	0.32
m&p-Xylenes	ppbv	2000	200	0.58	4.4	6.2	2.2	3.3	6.1	7.8	10	1.6	1.3
Naphthalene	ppbv	29	2.9	0.090 U	0.37 J	0.090 UJ	0.26 J	0.20 J	0.29 J	0.28 J	0.45 UJ	0.27 UJ	0.20 J
o-Xylene	ppbv	2000	200	0.19 J	1.7	2.2	0.94	1.3	2.3	2.9	2.9	0.55 J	0.48
Tetrachloroethene	ppbv	250	25	0.040 U	0.054 J	0.28	0.040 U	0.060 J	0.28	0.30 U	0.20 U	0.12 U	0.040 U
Trichloroethene	ppbv	20	2	0.047 J	0.043 J	0.036 U	0.036 U	0.036 U	0.036 U	0.069 U	0.18 U	0.11 U	0.080 J
Vinyl chloride	ppbv	20	2	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.14 U	0.36 U	0.21 UJ	0.071 U

Notes:

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1.0 Value greater than ODH Non-Residential Screening Level

Table 4
 Summary of Building 14 - NexGen Vending Analytical Results
 South Dayton Dump and Landfill Site
 Moraine, Ohio
 2012-2020

Sample Location:	IA-14-B	IA-14-B	IA-14-C	IA-14-C	IA-14-C	IA-14-C							
Sample ID:	IA-38443-080212-GL-034	IA-38443-011614-GL-005	IA-38443-060314-GL-010	IA-38443-061516-GL-006	IA-38443-071117-GL-016	IA-38443-072518-JC-036	IA-38443-071719-GL-016	IA-11208393-071620-JC-028	IA-38443-032712-JC-228	IA-38443-080212-GL-036	IA-38443-011614-GL-006	IA-38443-060314-GL-006	
Date	8/2/2012	1/16/2014	6/3/2014	6/15/2016	7/11/2017	7/25/2018	7/17/2019	7/16/2020	3/27/2012	8/2/2012	1/16/2014	6/3/2014	
Parameters	Units												
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	0.055 J	0.026 U	0.026 U	0.026 U	0.026 U	0.051 U	0.13 U	0.026 U	0.026 U	0.052 U	0.026 U	0.026 U
Benzene	ppbv	2.1 ^b	2.1 ^b	0.43	0.95	0.45	2.5 ^b	1.9	0.87	0.60	2.0	1.8	0.43
Chloroform (Trichloromethane)	ppbv	0.18 J	0.038 U	0.073 J	0.14 J	0.14 J	0.10 J	0.19 U	0.064 J	0.038 U	0.15 J	0.038 J	0.070 J
cis-1,2-Dichloroethene	ppbv	0.12 U	0.060 U	0.060 U	0.060 U	0.060 U	0.12 U	0.30 U	0.11 J	0.060 U	0.12 U	0.060 U	0.060 U
Ethylbenzene	ppbv	0.95	1.6	0.64	0.76	1.1	1.8	2.9	0.44	0.33	0.81	0.88	0.81
m&p-Xylenes	ppbv	3.6	5.4	2.3	2.6	4.0	6.0	13	1.6	1.3	3.1	2.9	3.0
Naphthalene	ppbv	0.34 J	0.13 J	0.090 U	0.14 J	0.18 J	0.22 J	0.45 UJ	0.090 U	0.17 J	0.18 U	0.090 U	0.26 J
o-Xylene	ppbv	1.4	1.9	0.98	1.1	1.6	2.2	3.8	0.53	0.47	1.2	1.0	1.3
Tetrachloroethene	ppbv	0.080 U	0.058 U	0.047 U	0.11 J	0.22	0.33 J	0.20 U	0.11 J	0.040 U	0.080 U	0.047 U	0.057 U
Trichloroethene	ppbv	0.072 U	0.036 U	0.036 U	0.036 U	0.050 J	0.071 U	0.18 U	2.0	0.036 J	0.079 J	0.036 U	0.036 U
Vinyl chloride	ppbv	0.14 U	0.071 U	0.071 U	0.071 U	0.071 U	0.14 U	0.36 U	0.071 U	0.071 U	0.14 U	0.071 U	0.071 U

Notes:
 J Estimated concentration
 JN Tentatively identified compound, estimated concentration
 NJ Tentatively identified compound, estimated concentration
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Table 4
 Summary of Building 14 - NexGen Vending Analytical Results
 South Dayton Dump and Landfill Site
 Moraine, Ohio
 2012-2020

Sample Location:	IA-14-C	IA-14-C	IA-14-C	IA-14-C	IA-14-C	IA-14-C	IA-14-C	IA-14-C	IA-14-C	OA-14-2012	OA-14-2012	OA-14-2012	OA-14-2012
Sample ID:	SDD-IA-14C-0215	IA-38443-071615-6L-037	IA-38443-071615-6L-038	IA-38443-061516-GL-005	IA-38443-071117-GL-015	IA-38443-072518-JC-037	IA-38443-071719-GL-017	IA-11208393-071620-JC-029	OA-38443-010612-JC-016	OA-38443-032712-JC-223	OA-38443-080212-GL-037	OA-38443-011614-GL-007	
Date:	2/19/2015	7/16/2015	7/16/2015	6/15/2016	7/11/2017	7/25/2018	7/17/2019	7/16/2020	1/6/2012	3/27/2012	8/2/2012	1/16/2014	
Parameters	Units												
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	0.27 U	0.026 U	0.026 U	0.026 U	0.026 U	0.052 U	0.13 U	0.026 U	0.035 U	0.026 U	0.026 U	0.026 U
Benzene	ppbv	1	1.5	1.7	0.96	0.41	1.7	2.2 ^b	0.77	0.24	0.15 J	0.22	0.17 J
Chloroform (Trichloromethane)	ppbv	0.14 U	0.13 J	0.14 J	0.28	0.16 J	0.12 J	0.19 U	0.051 J	0.049 J	0.038 U	0.038 U	0.038 U
cis-1,2-Dichloroethene	ppbv	0.69 U	0.060 U	0.060 U	0.060 U	0.060 U	0.12 U	0.30 U	0.060 U	0.014 U	0.060 U	0.060 U	0.060 U
Ethylbenzene	ppbv	0.27 U	1.4	1.5	0.69	1.0	1.1	3.8	0.38	0.058 J	0.068 U	0.075 J	0.068 U
m&p-Xylenes	ppbv	0.59	5.7	6.2	2.3	3.7	3.5	18	1.4	0.15 J	0.12 U	0.19 J	0.17 J
Naphthalene	ppbv	0.69 U	0.26 J	0.32 J	0.11 J	0.19 J	0.18 U	0.45 UJ	0.090 U	0.086 U	0.090 U	0.090 UJ	0.090 U
o-Xylene	ppbv	0.27 U	1.9	2.1	0.97	1.4	1.3	4.9	0.48	0.051 J	0.061 U	0.062 J	0.061 U
Tetrachloroethene	ppbv	0.14 U	0.040 U	0.040 U	0.099 J	0.23	0.080 U	0.20 U	0.040 U	0.023 J	0.040 U	0.040 U	0.049 U
Trichloroethene	ppbv	0.14 U	0.036 U	0.036 U	0.036 U	0.036 U	0.072 U	0.18 U	0.047 J	0.030 U	0.036 U	0.036 U	0.12 U
Vinyl chloride	ppbv	0.14 U	0.071 U	0.071 U	0.071 U	0.071 U	0.14 U	0.36 U	0.071 U	0.029 U	0.071 U	0.071 U	0.071 U

Notes:

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- JN Tentatively identified compound, estimated concentration
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Table 4
Summary of Building 14 - NexGen Vending Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	OA-14-2014	OA-14-2014	OA-14-2014	SS-14-A	SS-14-A	SS-14-A	SS-14-A								
Sample ID:	OA-38443-060314-GL-011	OA-38443-021915-GL-028	OA-38443-071615-6L-035	OA-38443-061516-GL-007	OA-38443-071117-GL-018	OA-38443-072518-JC-038	OA-38443-071719-GL-018	OA-11208393-071620-JC-030	SS-38443-010612-JC-017	SS-38443-010612-JC-018	SS-38443-032812-JC-225	SS-38443-080212-GL-030			
Date	6/3/2014	2/19/2015	7/16/2015	6/15/2016	7/11/2017	7/25/2018	7/17/2019	7/16/2020	1/6/2012	1/6/2012	3/28/2012	8/2/2012			
Parameters	Units														
Volatile Organic Compounds															
1,1-Dichloroethane	ppbv	0.026 U	0.026 UJ	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U				
Benzene	ppbv	0.073 J	0.23 J	0.46	0.18 J	0.10 J	0.24	0.12 J	0.13 J	1.8 J	1.9 J	6.0 J	50 ^a	4100 ^a	
Chloroform (Trichloromethane)	ppbv	0.038 U	0.038 UJ	0.038 U	0.038 U	0.74 U	0.62 U	1.3 U	7.7 U						
cis-1,2-Dichloroethene	ppbv	0.060 U	0.060 UJ	0.060 U	0.060 U	1.5 J	2.6 J	6.9	110						
Ethylbenzene	ppbv	0.068 U	0.068 UJ	0.080 J	0.090 J	0.068 U	0.087 J	0.068 U	0.068 U	0.52 U	0.44 U	2.4 U	14 U		
m&p-Xylenes	ppbv	0.22	0.12 UJ	0.33	0.29	0.17 J	0.30	0.13 J	0.18 J	1.1 U	0.96 U	4.2 U	24 U		
Naphthalene	ppbv	0.090 U	0.090 UJ	0.090 U	0.090 UJ	0.090 U	0.090 U	0.090 UJ	0.090 U	2.0 U	1.7 U	3.1 U	18 UJ		
o-Xylene	ppbv	0.065 J	0.061 UJ	0.10 J	0.11 J	0.063 J	0.11 J	0.061 U	0.068 J	0.52 U	0.44 U	2.2 J	12 U		
Tetrachloroethene	ppbv	0.040 U	0.040 UJ	0.040 U	0.061 J	0.040 U	0.048 J	0.040 U	0.15 J	0.26 U	0.22 U	1.4 U	8.1 U		
Trichloroethene	ppbv	0.036 U	0.036 UJ	0.036 U	0.045 J	0.036 U	0.036 U	0.036 U	0.036 U	1.5 J	2.1 J	6.4 J	36 ^J		
Vinyl chloride	ppbv	0.071 U	0.071 UJ	0.071 U	0.071 U	70 ^a	84 ^a	820 ^J	5500 ^a						

Notes:

- J Estimated concentration
- JN Tentatively identified compound, estimated concentration
- NJ Tentatively identified compound, estimated concentration
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated

1.0 Value greater than ODH Non-Residential Screening Level

Table 4
Summary of Building 14 - NexGen Vending Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	SS-14-A	SS-14-A	SS-14-A	SS-14-A	SS-14-A	SS-14-A	SS-14-A	SS-14-A	SS-14-A	SS-14-A	SS-14-A	SS-14-A	
Sample ID:	SS-38443-011614-GL-001	SS-38443-011614-GL-002	SS-38443-060314-GL-007	SS-38443-060314-GL-008	SDD-SS-14A-0215	SS-38443-021915-GL-026	SDD-SS-14A-0715	SS-38443-071615-6L-036	SS-38443-061516-GL-001	SS-38443-061516-GL-002	SS-38443-071117-GL-013	SS-38443-071117-GL-014	
Date	1/16/2014	1/16/2014	6/3/2014	6/3/2014	2/19/2015	2/19/2015	7/16/2015	7/16/2015	6/15/2016	6/15/2016	7/11/2017	7/11/2017	
Parameters	Units		Duplicate		Duplicate		Duplicate		Duplicate		Duplicate		
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	270 J ^a	160 J	720 ^a	650 ^a	173 ^a	85	0.17 U	0.026 U	1000 ^a	710 ^a	0.040 U	0.026 U
Benzene	ppbv	0.44	0.42	2.3 U	0.95	2.7 U	0.10 J	0.95	1.4	1.7 U	1.8 U	0.47	0.46
Chloroform (Trichloromethane)	ppbv	5.4	5.5	140	140	3	4.2	0.18	0.20	12	7.1	0.20 J	0.19 J
cis-1,2-Dichloroethene	ppbv	3.2	3.2	21	20	13.4 U	3.2	0.18 U	0.060 U	75	49	0.092 U	0.060 U
Ethylbenzene	ppbv	0.14 J	0.14 U	2.8 U	0.41 J	5.3 U	0.33	0.70	0.91	2.0 U	2.2 U	0.92	0.90
m&p-Xylenes	ppbv	0.48	0.24 U	5.0 U	1.7	10.7 U	0.71	2.4	3.5	3.6 U	3.9 U	3.3	3.2
Naphthalene	ppbv	0.18 U	0.18 U	3.7 U	0.82 J	13.4 U	0.13 J	1.0	0.16 J	2.7 UJ	2.9 UJ	0.19 J	0.20 J
o-Xylene	ppbv	0.20 J	0.12 U	2.5 U	0.66	5.3 U	2.1	0.98	1.2	1.8 U	2.0 U	1.2	1.2
Tetrachloroethene	ppbv	0.11 J	3.8 J	1.7 U	0.87	2.7 U	0.22	0.10 U	0.084 J	1.4 J	1.3 U	0.29 J	0.28
Trichloroethene	ppbv	4.0	3.6	27 ^a	30 ^a	4.6	6.4	1.1	0.91	150 ^a	94 ^a	0.42	0.40
Vinyl chloride	ppbv	4.9	4.5	17	14	2.7 U	0.28	0.27 U	0.071 U	3.1 J	3.4 J	0.11 U	0.071 U

Notes:
 J Estimated concentration
 JN Tentatively identified compound, estimated concentration
 NJ Tentatively identified compound, estimated concentration
 U Not detected at the associated reporting limit
 UJ Not detected; associated reporting limit is estimated
 1.0 Value greater than ODH Non-Residential Screening Level

Table 4
 Summary of Building 14 - NexGen Vending Analytical Results
 South Dayton Dump and Landfill Site
 Moraine, Ohio
 2012-2020

Sample Location:	SS-14-A	SS-14-A	SS-14-A	SS-14-A	SS-14-A	SS-14-A	SS-14-B	SS-14-B	SS-14-B	SS-14-C	SS-14-C	SS-14-C	
Sample ID:	SS-38443-072518-JC-033	SS-38443-072518-JC-034	SS-38443-071719-GL-013	SS-38443-071719-GL-014	SS-11208393-071620-JC-025	SS-11208393-071620-JC-026	SS-38443-010612-JC-019	SS-38443-032712-JC-227	SS-38443-080212-GL-033	SS-38443-010612-JC-020	SS-38443-032712-JC-229	SS-38443-080212-GL-035	
Date	7/25/2018	7/25/2018	7/17/2019	7/17/2019	7/16/2020	7/16/2020	1/6/2012	3/27/2012	8/2/2012	1/6/2012	3/27/2012	8/2/2012	
Parameters	Duplicate		Duplicate		Duplicate								
Units	Duplicate		Duplicate		Duplicate								
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	680 ^a	730 ^a	0.026 U	0.026 U	350 ^a	380 ^a	54	77	130	0.14 U	0.071 J	0.026 U
Benzene	ppbv	1.7 U	1.7 U	2.1	2.1	2.1 U	2.2 U	0.14 U	0.077 J	0.11 U	0.072 U	0.056 U	0.056 U
Chloroform (Trichloromethane)	ppbv	9.5	9.7	0.39	0.39	5.1 J	5.1 J	0.93 J	1.1	3.0	0.12 U	0.043 J	0.097 J
cis-1,2-Dichloroethene	ppbv	89	91	0.060 U	0.15 J	69	71	0.43 J	0.97	2.2	0.056 U	0.060 U	0.060 U
Ethylbenzene	ppbv	2.1 U	2.1 U	1.2	1.5	2.6 U	2.6 U	1.2 J	0.068 U	0.14 U	0.088 U	0.068 U	0.068 U
m&p-Xylenes	ppbv	3.6 U	3.7 U	3.3	4.1	4.6 U	4.6 U	7.1	0.20	0.32 J	0.19 U	0.12 U	0.12 U
Naphthalene	ppbv	2.7 U	2.7 U	0.090 U	0.090 U	3.4 U	3.5 U	0.69 UJ	0.090 U	0.18 U	0.34 U	0.090 U	0.090 UJ
o-Xylene	ppbv	1.8 U	1.9 U	1.0	1.3	2.3 U	2.3 U	3.9	0.084 J	0.15 J	0.088 U	0.061 U	0.061 U
Tetrachloroethene	ppbv	2.6 J	1.7 J	0.055 J	0.16 J	1.5 U	1.9 J	0.088 U	0.41	1.0	0.11 J	0.43	0.28
Trichloroethene	ppbv	260 ^a	250 ^a	0.042 J	0.072 J	220 ^a	300 ^a	3.5	4.7	16	2.5	27 ^a	1.2
Vinyl chloride	ppbv	2.2 U	2.2 J	0.071 U	0.071 U	2.7 U	2.7 U	0.23 U	0.071 U	0.14 U	0.12 U	0.071 U	0.071 U

Notes:
 J Estimated concentration
 JN Tentatively identified compound, estimated concentration
 NJ Tentatively identified compound, estimated concentration
 U Not detected at the associated reporting limit
 UJ Not detected; associated reporting limit is estimated
 1.0 Value greater than ODH Non-Residential Screening Level

Table 4
Summary of Building 14 - NexGen Vending Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	SS-14-C	SS-14-C	SS-14-C	
Sample ID:	SS-38443-011614-GL-004	SS-38443-060314-GL-005	SS-38443-061516-GL-004	
Date	1/16/2014	6/3/2014	6/15/2016	
Parameters	Units			
Volatile Organic Compounds				
1,1-Dichloroethane	ppbv	0.052 U	0.074 U	0.40
Benzene	ppbv	1.3	0.57	0.99
Chloroform (Trichloromethane)	ppbv	0.076 U	0.11 U	0.19 J
cis-1,2-Dichloroethene	ppbv	0.12 U	0.17 U	0.060 U
Ethylbenzene	ppbv	0.38 J	0.71	0.70
m&p-Xylenes	ppbv	1.4	2.6	2.2
Naphthalene	ppbv	0.43 J	0.27 J	0.16 J
o-Xylene	ppbv	0.69	1.1	0.93
Tetrachloroethene	ppbv	0.080 U	0.11 U	0.12 J
Trichloroethene	ppbv	0.077 U	0.10 U	0.093 J
Vinyl chloride	ppbv	0.14 U	0.20 U	0.071 U

Notes:

- J Estimated concentration
- JN Tentatively identified compound, estimated concentration
- NJ Tentatively identified compound, estimated concentration
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated
- 1.0** Value greater than ODH Non-Residential Screening Level

Table 5
Summary of Building 15 -SIM Trainer Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	ODH Non-Residential Screening Levels		IA-15-A	IA-15-B	IA-15-C								
Sample ID:			IA-38443-031312-JC-175	IA-38443-021114-GL-001	IA-38443-042414-GL-002	IA-38443-021815-GL-019	IA-38443-071415-6L-016	IA-38443-061716-GL-023	IA-38443-071117-GL-020	IA-38443-072418-JC-027	IA-38443-071719-GL-020	IA-38443-031312-JC-177	IA-38443-031312-JC-179
Date:			3/13/2012	2/11/2014	4/24/2014	2/18/2015	7/14/2015	6/17/2016	7/11/2017	7/24/2018	7/17/2019	3/13/2012	3/13/2012
Parameters	Units	Sub-Slab Soil Gas a	Indoor Air b										
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	160	16	0.026 U	0.052 U	0.026 U	0.10 U						
Benzene	ppbv	20	2	0.46	0.29	0.23	0.23	0.16 J	0.23	0.20	0.30 J	1.8	0.51 J
Chloroform (Trichloromethane)	ppbv	800	80	0.077 J	0.038 U	0.050 J	0.038 U	0.079 J	0.085 J	0.12 U	0.094 J	0.051 J	0.038 U
cis-1,2-Dichloroethene	ppbv	370	37	0.060 U	0.12 U	0.060 U	0.060 U						
Ethylbenzene	ppbv	2500	250	0.15 J	0.13 J	0.15 J	0.068 U	0.11 J	0.076 J	0.12 J	0.14 U	0.11 J	0.12 J
m&p-Xylenes	ppbv	2000	200	0.52	0.44	0.40	0.12 U	0.36	0.27	0.37	0.24 U	0.39	0.43 J
Naphthalene	ppbv	29	2.9	0.25 J	0.090 U	0.090 U	0.090 U	0.13 J	0.19 J	0.17 J	0.18 U	0.090 UJ	0.090 U
o-Xylene	ppbv	2000	200	0.21	0.17 J	0.20	0.061 U	0.15 J	0.11 J	0.15 J	0.12 U	0.16 J	0.17 J
Tetrachloroethene	ppbv	250	25	0.84	2.3	2.8	1.3	1.6	2.9	2.8	0.77	0.85	1.4
Trichloroethene	ppbv	20	2	5.2 ^b	2.0	3.0 ^b	1.4	1.7	1.5	1.8	1.4	1.6	0.13 J
Vinyl chloride	ppbv	20	2	0.071 U	0.14 U	0.071 U	0.28 U						

Notes:

- D Compounds at secondary dilution factor.
- J Estimated concentration
- NJ Tentatively identified compound, estimated concentration
- R Rejected
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated
- 1.0 Value greater than ODH Non-Residential Screening Level

Table 5
Summary of Building 15 -SIM Trainer Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	IA-15-C	IA-15-C	IA-15-C	IA-15-C	IA-15-C	IA-15-C	IA-15-C	IA-15-C	IA-15-C	IA-15-F	IA-15-F	IA-15-F
Sample ID:	IA-38443-021314-GL-005	IA-38443-021815-GL-021	SDD-IA-15C-0215	IA-38443-071415-6L-018	IA-38443-061716-GL-026	IA-38443-071117-GL-024	IA-38443-072418-JC-031	IA-38443-071719-GL-024	IA-11208393-071520-JC-023	IA-38443-021114-GL-003	IA-38443-042414-GL-003	IA-38443-071117-GL-021
Date	2/13/2014	2/18/2015	2/18/2015	7/14/2015	6/17/2016	7/11/2017	7/24/2018	7/17/2019	7/15/2020	2/11/2014	4/24/2014	7/11/2017
Parameters	Units											
Volatile Organic Compounds												
1,1-Dichloroethane	ppbv	0.026 U	0.026 U	0.24 U	0.026 U	0.13 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U
Benzene	ppbv	0.63	0.22	0.28	0.68	0.35 J	0.38	1.6	4.0 ^b	3.1 ^b	0.25	0.53
Chloroform (Trichloromethane)	ppbv	0.038 U	0.038 U	0.12 U	0.038 U	0.19 U	0.044 U	0.055 J	0.14 J	0.038 U	0.038 U	0.038 U
cis-1,2-Dichloroethene	ppbv	0.060 U	0.060 U	0.62 U	0.060 U	0.30 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U
Ethylbenzene	ppbv	0.39	0.17 J	0.25 U	1.2	0.58 J	0.69	0.43	1.3	0.068 U	0.076 J	0.12 J
m&p-Xylenes	ppbv	1.5	0.62	0.72	5.4	2.4	3.0	1.8	5.7	0.22	0.27	0.41
Naphthalene	ppbv	0.090 U	0.090 U	0.64 U	0.41 J	0.45 U	0.30 J	0.095 J	0.26 J	0.090 U	0.090 U	0.23 J
o-Xylene	ppbv	0.46	0.20	0.27	2.1	0.96 J	1.2	0.69	2.0	0.074 J	0.10 J	0.16 J
Tetrachloroethene	ppbv	3.9	0.59	0.94	6.3	82 ^b	2.0	7.0	2.4	0.45	0.053 J	0.13 J
Trichloroethene	ppbv	0.59	0.20	0.37	1.2	0.57 J	0.86	1.4	0.42	0.076 J	0.036 U	0.052 J
Vinyl chloride	ppbv	0.071 U	0.071 U	0.13 U	0.071 U	0.36 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U

Notes:

- D Compounds at secondary dilution factor.
- J Estimated concentration
- NJ Tentatively identified compound, estimated concentration
- R Rejected
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated
- 1.0 Value greater than ODH Non-Residential Screening Level

Table 5
Summary of Building 15 -SIM Trainer Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	IA-15-F	IA-15-F	IA-15-F	IA-15-F	IA-15-H	OA-15						
Sample ID:	IA-38443-072418-JC-032	IA-38443-071719-GL-021	IA-11208393-071520-JC-021	IA-11208393-071520-JC-022	IA-38443-042414-GL-006	OA-38443-031312-JC-174	OA-38443-021114-GL-006	OA-38443-042414-GL-007	OA-38443-021815-GL-022	OA-38443-071415-6L-013	OA-38443-061716-GL-027	OA-38443-071117-GL-025
Date:	7/24/2018	7/17/2019	7/15/2020	7/15/2020	4/24/2014	3/13/2012	2/11/2014	4/24/2014	2/18/2015	7/14/2015	6/17/2016	7/11/2017
Parameters	Units											
Volatile Organic Compounds												
1,1-Dichloroethane	ppbv	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U	0.026 U
Benzene	ppbv	0.095 J	2.3 ^b	3.0 ^b	3.0 ^b	1.2	0.068 J	0.18 J	0.16 J	0.18 J	0.15 J	0.11 J
Chloroform (Trichloromethane)	ppbv	0.038 U	0.038 J	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U	0.038 U
cis-1,2-Dichloroethene	ppbv	0.17 J	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U	0.060 U
Ethylbenzene	ppbv	0.068 U	0.16 J	0.10 J	0.11 J	1.4	0.068 U	0.068 U	0.073 J	0.068 U	0.080 J	0.068 U
m&p-Xylenes	ppbv	0.12 U	0.56	0.33 J	1.2 J	5.3	0.12 U	0.19 J	0.23	0.12 U	0.26	0.15 J
Naphthalene	ppbv	0.090 U	0.090 U	0.090 U	0.18 J	0.090 U						
o-Xylene	ppbv	0.061 U	0.21	0.13 J	0.56 J	1.8	0.061 U	0.062 J	0.088 J	0.061 U	0.086 J	0.061 U
Tetrachloroethene	ppbv	0.50	0.13 J	0.67	0.60	2.9	0.040 U	0.22				
Trichloroethene	ppbv	0.067 J	0.060 J	0.036 U	0.036 U	0.75	0.036 U	0.036 U	0.036 U	0.096 J	0.036 U	0.036 U
Vinyl chloride	ppbv	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U

Notes:

- D Compounds at secondary dilution factor.
- J Estimated concentration
- NJ Tentatively identified compound, estimated concentration
- R Rejected
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated
- 1.0 Value greater than ODH Non-Residential Screening Level

Table 5

Summary of Building 15 -SIM Trainer Analytical Results
 South Dayton Dump and Landfill Site
 Moraine, Ohio
 2012-2020

Sample Location:	OA-15	OA-15	OA-15	SS-15-A	SS-15-A								
Sample ID:	OA-38443-072418-JC-028	OA-38443-071719-GL-025	OA-11208393-071520-JC-024	SS-38443-011212-JC-074	SS-38443-031312-JC-176	SS-38443-021114-GL-002	SS-38443-042414-GL-001	SS-38443-021815-GL-018	SS-38443-071415-6L-014	SS-38443-071415-6L-015	SS-38443-061716-GL-022	SS-38443-071117-GL-019	
Date	7/24/2018	7/17/2019	7/15/2020	1/12/2012	3/13/2012	2/11/2014	4/24/2014	2/18/2015	7/14/2015	7/14/2015	6/17/2016	7/11/2017	
Parameters	Units												
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	0.026 U	0.026 U	0.026 U	0.60 U	0.93 U	0.026 U	0.026 U	0.41	0.026 U	0.026 U	0.13 U	0.026 U
Benzene	ppbv	0.22	0.18 J	0.21	0.31 U	2.0 U	0.31	0.11 J	0.23	0.12 J	0.12 J	0.28 U	0.24
Chloroform (Trichloromethane)	ppbv	0.038 U	0.038 U	0.038 U	0.53 U	1.4 U	0.038 U	0.045 J	0.038 U	0.065 J	0.060 J	0.19 U	0.13 U
cis-1,2-Dichloroethene	ppbv	0.060 U	0.060 U	0.060 U	2.7 J	2.1 U	0.10 J	0.060 U	0.060 U	0.060 U	0.060 U	0.30 U	0.060 U
Ethylbenzene	ppbv	0.12 J	0.068 U	0.068 J	0.38 U	2.4 U	0.22	0.068 U	0.47	0.068 U	0.068 U	0.34 U	0.12 J
m&p-Xylenes	ppbv	0.43	0.21	0.22	0.82 U	4.3 U	0.51	0.12 U	2.2	0.19 J	0.18 J	0.60 U	0.37
Naphthalene	ppbv	0.090 U	0.090 U	0.090 U	1.5 U	3.2 U	0.090 U	0.090 U	0.55	0.097 J	0.090 UJ	0.45 U	0.28 J
o-Xylene	ppbv	0.16 J	0.076 J	0.097 J	0.38 U	2.2 U	0.44	0.061 U	0.79	0.070 J	0.061 U	0.31 U	0.16 J
Tetrachloroethene	ppbv	0.040 U	0.11 J	0.040 U	7.6	7.1	1.5	1.2	0.83	2.4	2.4	3.1	2.2
Trichloroethene	ppbv	0.036 U	0.036 U	0.036 U	400 ^a	390 ^a	2.0	3.1	1.4	2.0	2.0	2.1	1.4
Vinyl chloride	ppbv	0.071 U	0.071 U	0.071 U	0.50 U	2.5 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.36 U	0.071 U

Notes:

- D Compounds at secondary dilution factor.
- J Estimated concentration
- NJ Tentatively identified compound, estimated concentration
- R Rejected
- U Not detected at the associated reporting limit
- UJ Not detected; associated reporting limit is estimated
- 1.0 Value greater than ODH Non-Residential Screening Level

Table 5

Summary of Building 15 -SIM Trainer Analytical Results
 South Dayton Dump and Landfill Site
 Moraine, Ohio
 2012-2020

Sample Location:	SS-15-A	SS-15-A	SS-15-A	SS-15-B	SS-15-B	SS-15-C	SS-15-C	SS-15-C	SS-15-C	SS-15-C	SS-15-C	SS-15-C	
Sample ID:	SS-38443-072418-JC-026	SS-38443-071719-GL-019	SS-11208393-071520-JC-020	SS-38443-011212-JC-071	SS-38443-031312-JC-178	SS-38443-011212-JC-072	SS-38443-011212-JC-073	SS-38443-031312-JC-180	SS-38443-021314-GL-004	SS-38443-042414-GL-004	SS-38443-042414-GL-005	SDD-SS-15C-0215	
Date	7/24/2018	7/17/2019	7/15/2020	1/12/2012	3/13/2012	1/12/2012	1/12/2012	Duplicate	3/13/2012	2/13/2014	4/24/2014	4/24/2014	
Parameters	Units												
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	0.13 U	0.026 U	0.026 U	1.1 U	1.2 U	R	8.8 U	14 U	2.8 U	3.0 U	3.1 U	0.27 U
Benzene	ppbv	0.34 J	1.5	1.6	0.55 U	2.6 U	R	230 ^a	320 ^a	36 ^a	60 ^a	62 ^a	8.4
Chloroform (Trichloromethane)	ppbv	0.19 U	0.049 J	0.079 J	8.5	12	R	7.8 U	20 U	4.1 U	4.4 U	4.6 U	0.13 U
cis-1,2-Dichloroethene	ppbv	0.30 U	0.060 U	0.060 U	86	130	R	7400 ^a	10000 ^a	1700 ^a	2200 ^a	2300 ^a	125
Ethylbenzene	ppbv	0.34 U	0.15 J	0.15 J	0.67 U	3.2 U	R	320	540	70	180	180	8.5
m&p-Xylenes	ppbv	3.1	0.45	0.44	1.5 U	5.6 U	R	820	1300	130	410	410	6
Naphthalene	ppbv	0.45 U	0.090 U	0.10 J	2.6 U	4.2 U	R	22 U	47 U	9.7 U	10 U	11 U	0.68 U
o-Xylene	ppbv	9.6	0.18 J	0.18 J	0.67 U	2.9 U	R	710	1100	170	400	400	34
Tetrachloroethene	ppbv	1.7	0.57	1.9	1.3 J	2.5 J	R	2.8 U	21 U	4.3 U	4.6 U	4.8 U	3.2
Trichloroethene	ppbv	2.3	1.7	0.31	690 ^a	680 ^a	R	95 ^a	120 ^a	25 ^a	61 ^a	63 ^a	16.4
Vinyl chloride	ppbv	0.35 U	0.071 U	0.071 U	0.88 U	3.3 U	R	1100 ^a	1700 ^a	350 ^a	99 ^a	97 ^a	0.13 U

Notes:

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- R Rejected
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- 1.0 Value greater than ODH Non-Residential Screening Level

Table 5
Summary of Building 15 -SIM Trainer Analytical Results
South Dayton Dump and Landfill Site
Moraine, Ohio
2012-2020

Sample Location:	SS-15-C	SS-15-C	SS-15-C	SS-15-C	SS-15-C	SS-15-C	SS-15-C	SS-15-C	SS-15-C	SS-15-C	SS-15-C	SS-15-C	SS-15-C
Sample ID:	SS-38443-021815-GL-020	SDD-SS-15C-0715	SS-38443-071415-6L-017	SS-38443-061716-GL-024	SS-38443-061716-GL-025	SS-38443-071117-GL-022	SS-38443-071117-GL-023	SS-38443-072418-JC-029	SS-38443-072418-JC-030	SS-38443-071719-GL-022	SS-38443-071719-GL-023	SS-11208393-071520-JC-019	SS-11208393-071520-JC-019
Date:	2/18/2015	7/14/2015	7/14/2015	6/17/2016	6/17/2016	7/11/2017	7/11/2017	7/24/2018	7/24/2018	7/17/2019	7/17/2019	7/15/2020	7/15/2020
Parameters	Units				Duplicate								
Volatile Organic Compounds													
1,1-Dichloroethane	ppbv	0.10 U	1.2 U	0.28 U	0.26 U	0.13 U	0.30 U	0.17 U	0.26 U	0.13 U	0.13 U	0.26 U	0.21 U
Benzene	ppbv	5.9 J	1.6 U	2.5	1.2 J	1.1	8.0	6.6	4.6	5.3 J	5.4	5.6	4.8
Chloroform (Trichloromethane)	ppbv	0.15 U	1.0 U	0.71 J	0.38 U	0.19 U	0.44 U	0.25 U	0.38 U	0.21 J	0.20 J	0.38 U	0.31 U
cis-1,2-Dichloroethene	ppbv	130 J	480 D ^a	780 ^a	10	9.3	74	60	64	66 J	35	41	16
Ethylbenzene	ppbv	5.8 J	1.1 U	0.78 J	1.1 J	1.1	19	15	7.0 J	12 J	11	12	5.5
m&p-Xylenes	ppbv	4.0 J	2.3 U	1.3 U	4.0	3.7	61	51	24 J	43 J	44	46	18
Naphthalene	ppbv	0.36 U	0.95 U	0.95 UJ	0.90 U	0.45 U	2.6 J	2.1 J	2.5 J	3.4 J	0.64 J	0.90 U	1.5 J
o-Xylene	ppbv	33 J	1.5	3.1	3.6	3.7	65	54	27 J	47 J	45	45	21
Tetrachloroethene	ppbv	2.5 J	21	28	100	100	4.6	3.3	1.6 U	1.3 J	4.2	4.8	4.5
Trichloroethene	ppbv	12 J	72 ^a	87 ^a	2.8	2.7	16	13	12	14 J	11	11	5.0
Vinyl chloride	ppbv	6.6 J	17	26 ^a	1.5 J	1.5	6.2	6.7	5.9	6.1 J	3.4	4.1	1.3 J

Notes:

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